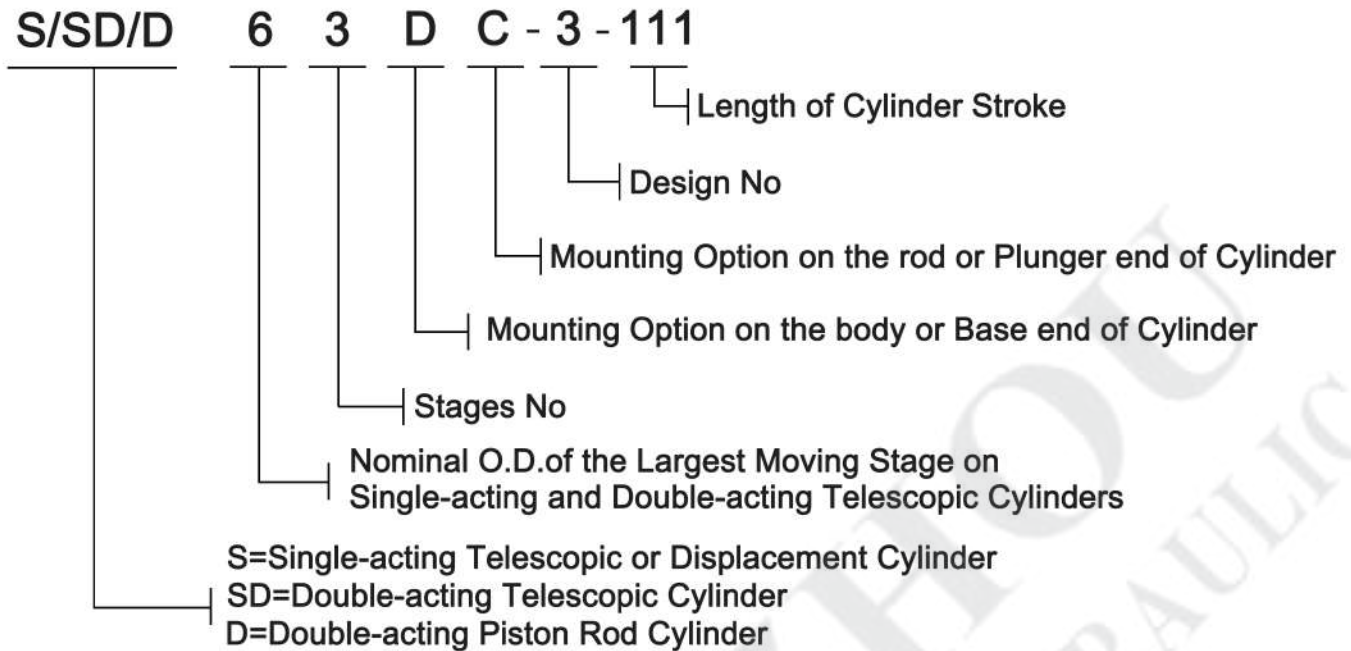


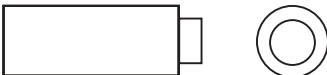
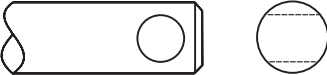
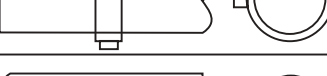
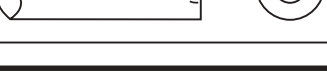


“ S ” SERIES SINGLE-ACTING, SINGLE & MULTIPLE STAGE CYLINDERS

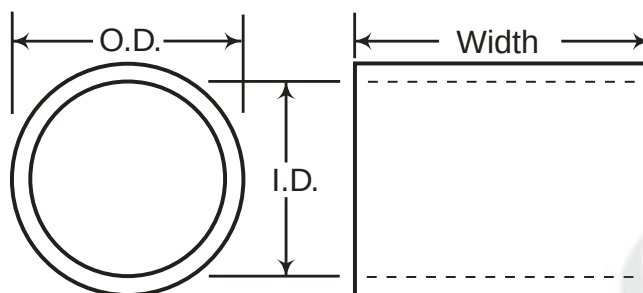
Sleeve or Plunger O.D. (in inches)	Effective Area in square inches	Load Capacity lbs @ 2000 p.s.i.	Displacement per inch of stroke in gallons *
1.75"	2.41"	4,811	0.010
2.75"	5.94"	11,880	0.026
3.75"	11.04"	22,089	0.048
4.75"	17.72"	35,441	0.077
5.75"	25.97"	51,935	0.112
6.75"	35.78"	71,570	0.155
7.90"	49.02"	98,034	0.212
9.38"	69.03"	138,059	0.299
10.75"	90.76"	181,526	0.393
12.50"	122.72"	245,438	0.531
14.00"	153.94"	307,877	0.666

“ SD ” SERIES DOUBLE-ACTING, MULTIPLE STAGE CYLINDER

Sleeve or Plunger O.D. (in inches)	Bore of Main or Sleeve (in inches)	Effective area (sq. inches) to extend	Effective area (sq. inches) to retract	Load capacity lbs @ 2000 p.s.i. extending	Load capacity lbs @ 2000 p.s.i. retracting	Displacement per inch of stroke (in gallons)* to extend	Displacement per inch of stroke (in gallons)* to retract
1.75"	2.25"	3.98"	1.57"	7,952	3,142	0.017	0.007
2.75"	3.25"	8.29"	2.35"	16,592	4,712	0.036	0.010
3.75"	4.25"	14.18"	3.14"	28,372	6,283	0.061	0.014
4.75"	5.25"	21.64"	3.92"	43,296	7,854	0.094	0.017
5.75"	6.25"	30.68"	4.71"	61,360	9,426	0.133	0.020
6.75"	7.25"	41.28"	5.49"	82,564	10,994	0.179	0.024
7.90"	8.44"	55.68"	6.97"	111,360	13,946	0.242	0.030
9.38"	9.88"	76.59"	7.56"	153,180	15,120	0.332	0.033
10.75"	11.50"	103.87"	13.11"	207,738	26,213	0.450	0.057
12.50"	13.00"	132.73"	10.01"	265,465	20,028	0.575	0.043
14.00"	14.50"	165.13"	11.19"	330,261	22,384	0.715	0.048

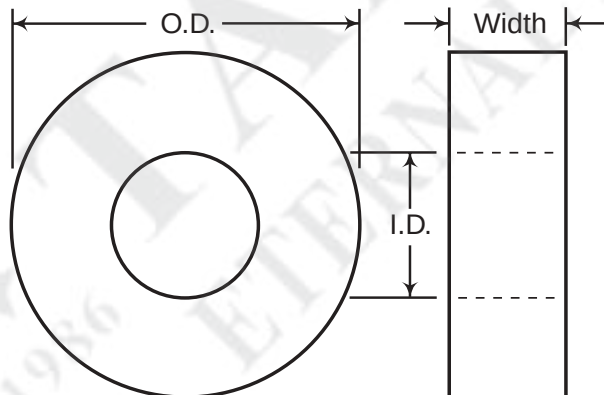
Code Letter	Mount Description	Mount Sketch	Mount Location
A	Plain No Mount		Body or Rod
B	Pin-Eye Drilled Thru Rod		Rod
C	Pin-Eye Drilled Thru Lug		Body or Rod
D	Cross Tube		Body or Rod
E	Threaded		Body or Rod
F	Drilled and Tapped		Body or Rod
G	Flange Mount at Base		Body
H	Flange Mount Mid-Body		Body
J	Foot / Pad Mount		Body
K	Centerline Mount		Body
L	Double Lug Clevis Mount		Body or Rod
M	Trunnion Mount		Body
N	Rod End Drilled and Tapped		Rod
O	Ball Mount		Body or Rod
P	Socket Mount		Body or Rod

Accessories to Modify Cylinder Mounting Pin Hole Diameters and Mount Widths



Pin - Eye Mount Bushings

Engineering #	Part Number	Nominal Dimensions
CC1519-1-1.5	375-1519-556	1.50 I.D. X 2.00 O.D. X 1.50 Wide
CC1519-1-2.0	375-1519-557	1.50 I.D. X 2.00 O.D. X 2.00 Wide
CC1519-2-1.5	375-1519-558	1.75 I.D. X 2.00 O.D. X 1.50 Wide
CC1519-2-2.0	375-1519-559	1.75 I.D. X 2.00 O.D. X 2.00 Wide
CC1519-3-2.0	375-1519-560	1.31 I.D. X 2.00 O.D. X 2.00 Wide
CC1519-4-2.0	375-1519-561	1.68 I.D. X 2.00 O.D. X 2.00 Wide



Pin - Eye Mount Spacers

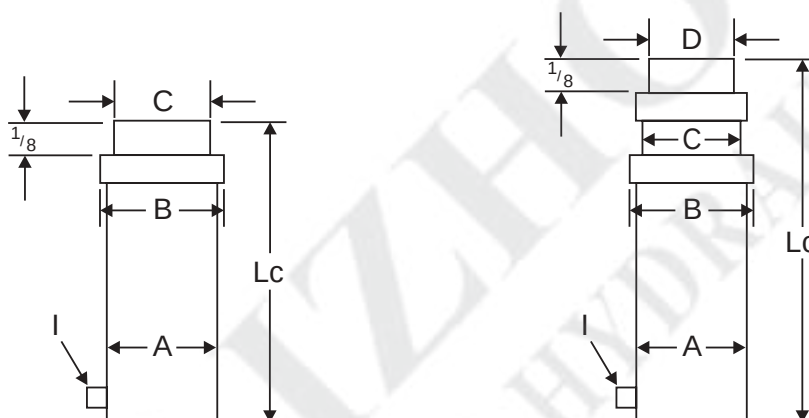
Engineering #	Part Number	Nominal Dimensions
CC1519-5-0.25	375-1519-562	1.81 I.D. X 3.00 O.D. X 0.25 Wide
CC1519-5-0.50	375-1519-563	1.81 I.D. X 3.00 O.D. X 0.50 Wide
CC1519-5-1.0	375-1519-564	1.81 I.D. X 3.00 O.D. X 1.00 Wide
CC1519-5-0.75	375-1519-565	1.81 I.D. X 3.00 O.D. X 0.75 Wide
CC1519-6-0.25	375-1519-566	2.12 I.D. X 3.00 O.D. X 0.25 Wide
CC1519-6-0.50	375-1519-567	2.12 I.D. X 3.00 O.D. X 0.50 Wide
CC1519-6-1.0	375-1519-568	2.12 I.D. X 3.00 O.D. X 1.00 Wide
CC1519-6-0.75	375-1519-569	2.12 I.D. X 3.00 O.D. X 0.75 Wide

* Closed length (Lc) for S Models is computed by one of the three equations below. Model number and stroke required determines which equation to use. Example: To find Lc for S41 cylinder with 68" stroke. Under S41 column, use equation III, because the stroke is over 50".

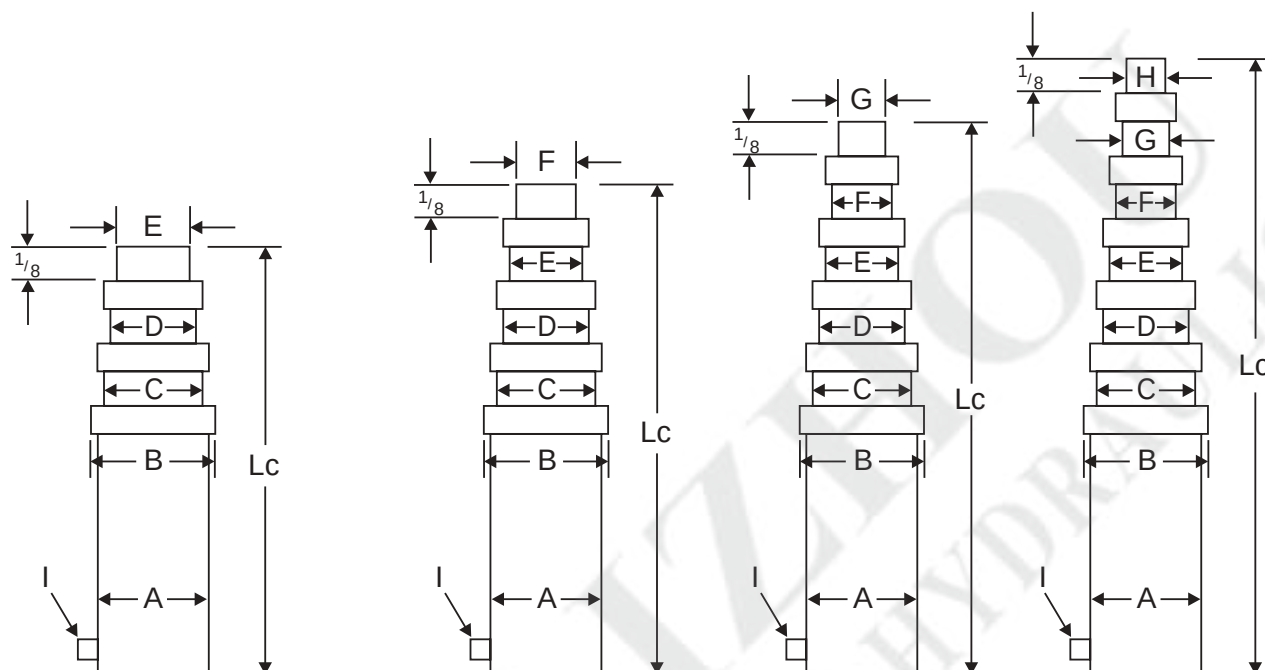
$$L_c = \text{Stroke} + X_1 + X_2 = 68" + 7.50" + \frac{(68 - 50)}{10} = 68" + 7.50" + (1.8)$$

Use next largest whole number. = 68" + 7.50" + 2" = 77.50".

The closed length (Lc) is 77.50". Add Lc 77.50" to the stroke 68" for extended length of 145.50"



	SINGLE STAGE								2 STAGE						
Cylinder Dimensions (inches)		S31	S41	S51	S61	S71	S81	S91		S42	S52	S62	S72	S82	S92
Main Cylinder O.D.	A	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	8	9 ¹ / ₈	10 ¹³ / ₁₆	A	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	8	9 ¹ / ₈	10 ¹³ / ₁₆
Largest Packing Nut O.D.	B	4 ³ / ₈	5 ³ / ₈	6 ³ / ₈	7 ³ / ₈	8 ⁵ / ₈	9 ⁷ / ₈	11 ³ / ₄	B	5 ³ / ₈	6 ³ / ₈	7 ³ / ₈	8 ⁵ / ₈	9 ⁷ / ₈	11 ³ / ₄
1st Sleeve O.D.	C	2 ³ / ₄	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	7 ⁷ / ₈	9 ³ / ₈	C	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	7 ⁷ / ₈	9 ³ / ₈
2nd Sleeve O.D.	D								D	2 ³ / ₄	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	7 ⁷ / ₈
3rd Sleeve O.D.	E								E						
4th Sleeve O.D.	F								F						
5th Sleeve O.D.	G								G						
6th Sleeve O.D.	H								H						
NPT Port	I	³ / ₄	³ / ₄	³ / ₄	1	1	1 ¹ / ₄	1 ¹ / ₄	I	³ / ₄	³ / ₄	1	1	1 ¹ / ₄	1 ¹ / ₄
Max. Stroke at 2000 PSI		71	84	88	95	118	128	190		126	137	138	164	186	265
*To Find Closed Length - Lc	X	5.75	5.75	5.75	6.00	6.00	6.50	6.62	X	6.69	6.69	6.94	6.94	7.44	7.56
Equation I	L _C	Stroke + X up to 35" stroke O.L. = 1 ¹ / ₄ "							L _C	Stroke 2 + X up to 35" stroke O.L. = 1 ¹ / ₄ "					
Equation II	X ₁	7.50	7.50	7.50	7.75	7.75	8.25	8.38	X ₁	8.44	8.44	8.69	8.69	9.19	9.31
	L _C	Stroke + X ₁ 36" to 50" stroke O.L. = 3"							L _C	Stroke 2 + X ₁ 36" to 50" stroke O.L. = 3"					
Equation III	X ₂	Stroke - 50 10 (To next largest whole number)							X ₂	Stroke - 50 20 (To next largest whole number)					
	L _C	Stroke + X ₁ + X ₂ over 50" stroke O.L. = 3" + X ₂							L _C	Stroke 2 + X ₁ + X ₂ over 50" stroke O.L. = 3" + X ₂					



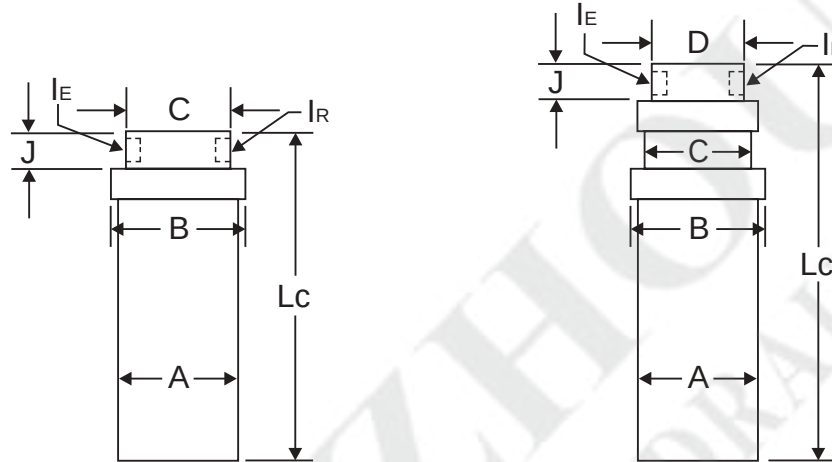
3 STAGE						4 STAGE					5 STAGE				6 STAGE		
	S53	S63	S73	S83	S93		S64	S74	S84	S94		S75	S85	S95		S86	S96
A	5 ³ / ₄	6 ³ / ₄	8	9 ¹ / ₈	10 ¹³ / ₁₆	A	6 ³ / ₄	8	9 ¹ / ₈	10 ¹³ / ₁₆	A	8	9 ¹ / ₈	10 ¹³ / ₁₆	A	9 ¹ / ₈	10 ¹³ / ₁₆
B	6 ³ / ₈	7 ³ / ₈	8 ⁵ / ₈	9 ⁷ / ₈	11 ³ / ₄	B	7 ³ / ₈	8 ⁵ / ₈	9 ⁷ / ₈	11 ³ / ₄	B	8 ⁵ / ₈	9 ⁷ / ₈	11 ³ / ₄	B	9 ⁷ / ₈	11 ³ / ₄
C	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	7 ⁷ / ₈	9 ³ / ₈	C	5 ³ / ₄	6 ³ / ₄	7 ⁷ / ₈	9 ³ / ₈	C	6 ³ / ₄	7 ⁷ / ₈	9 ³ / ₈	C	7 ⁷ / ₈	9 ³ / ₈
D	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	7 ⁷ / ₈	D	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	7 ⁷ / ₈	D	5 ³ / ₄	6 ³ / ₄	7 ⁷ / ₈	D	6 ³ / ₄	7 ⁷ / ₈
E	2 ³ / ₄	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	E	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	E	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	E	5 ³ / ₄	6 ³ / ₄
F						F	2 ³ / ₄	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	F	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	F	4 ³ / ₄	5 ³ / ₄
G						G					G	2 ³ / ₄	3 ³ / ₄	4 ³ / ₄	G	3 ³ / ₄	4 ³ / ₄
H						H					H				H	2 ³ / ₄	3 ³ / ₄
I	3 ³ / ₄	1	1	1 ¹ / ₄	1 ¹ / ₄	I	1	1	1 ¹ / ₄	1 ¹ / ₄	I	1	1 ¹ / ₄	1 ¹ / ₄	I	1 ¹ / ₄	1 ¹ / ₄
	181	186	204	224	312		238	262	265	352		335	336	410		T.B.A.	T.B.A.
X	7.62	7.88	7.88	8.38	8.50	X	8.81	8.81	9.31	9.44	X	9.75	10.25	10.38	X	11.19	11.31
L _c	$\frac{\text{Stroke}}{3} + X$ O.L. = 1 ¹ / ₄ " up to 50" stroke					L _c	$\frac{\text{Stroke}}{4} + X$ O.L. = 1 ¹ / ₄ " up to 70" stroke				L _c	$\frac{\text{Stroke}}{5} + X$ O.L. = 1 ¹ / ₄ " up to 85" stroke			L _c	$\frac{\text{Stroke}}{6} + X$ O.L. = 1 ¹ / ₄ " up to 100" stroke	
X ₁	9.38	9.62	9.62	10.12	10.25	X ₁	10.56	10.56	11.06	11.19	X ₁	11.50	12.00	12.12	X ₁	12.94	13.06
L _c	$\frac{\text{Stroke}}{3} + X_1$ O.L. = 3" 51" to 75" stroke					L _c	$\frac{\text{Stroke}}{4} + X_1$ O.L. = 3" 71" to 100"				L _c	$\frac{\text{Stroke}}{5} + X_1$ O.L. = 3" 86" to 125" stroke			L _c	$\frac{\text{Stroke}}{6} + X_1$ O.L. = 3" 101" to 150" stroke	
X ₂	$\frac{\text{Stroke} - 75}{30}$ (To next largest whole number)					X ₂	$\frac{\text{Stroke} - 100}{40}$ (To next largest whole number)				X ₂	$\frac{\text{Stroke} - 125}{50}$ (To next largest whole number)			X ₂	$\frac{\text{Stroke} - 150}{60}$ (To next largest whole number)	
L _c	$\frac{\text{Stroke}}{3} + X_1 + X_2$ O.L. = 3" + X ₂ over 75" stroke					L _c	$\frac{\text{Stroke}}{4} + X_1 + X_2$ O.L. = 3" + X ₂ over 100" stroke				L _c	$\frac{\text{Stroke}}{5} + X_1 + X_2$ O.L. = 3" + X ₂ over 125" stroke			L _c	$\frac{\text{Stroke}}{6} + X_1 + X_2$ O.L. = 3" + X ₂ over 150" stroke	

* Closed length (Lc) for SD Models is computed by one of the three equations below. Model number and stroke required determines which equation to use. Example: To find Lc for SD41 cylinder with 68" stroke. Under SD41 column, use equation III, because the stroke is over 66".

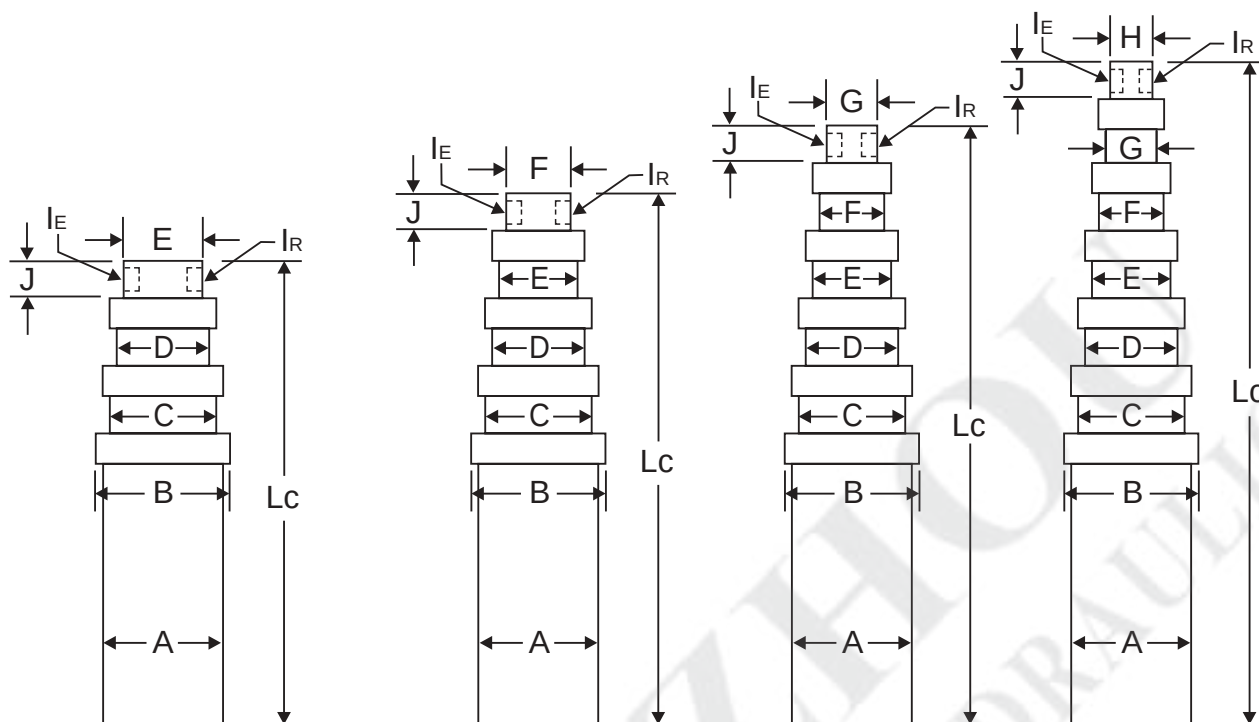
$$L_c = \text{Stroke} + X_1 + X_2 = 68" + 12" + \frac{68 - 50}{4.5} = 68" + 12" + (.666).$$

Use next largest whole number. = 68" + 12" + 1" = 81".

The closed length (Lc) is 81". Add Lc 81" to the stroke 68" for extended length of 149"



		SINGLE STAGE								2 STAGE					
Cylinder Dimensions (inches)		SD31	SD41	SD51	SD61	SD71	SD81	SD91		SD42	SD52	SD62	SD72	SD82	SD92
Main Cylinder O.D.	A	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	8	9 ¹ / ₈	10 ¹³ / ₁₆	A	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	8	9 ¹ / ₈	10 ¹³ / ₁₆
Largest Packing Nut O.D.	B	4 ³ / ₈	5 ³ / ₈	6 ³ / ₈	7 ³ / ₈	8 ⁵ / ₈	9 ⁷ / ₈	11 ³ / ₄	B	5 ³ / ₈	6 ³ / ₈	7 ³ / ₈	8 ⁵ / ₈	9 ⁷ / ₈	11 ³ / ₄
1st Sleeve O.D.	C	2 ³ / ₄	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	7 ⁷ / ₈	9 ³ / ₈	C	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	7 ⁷ / ₈	9 ³ / ₈
2nd Sleeve O.D.	D								D	2 ³ / ₄	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	7 ⁷ / ₈
3rd Sleeve O.D.	E								E						
4th Sleeve O.D.	F								F						
5th Sleeve O.D.	G								G						
6th Sleeve O.D.	H								H						
NPT Port - Extend	I _E	3 ³ / ₄	3 ³ / ₄	3 ³ / ₄	1	1	1 ¹ / ₄	1 ¹ / ₄	I _E	3 ³ / ₄	1	1	1 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₄
NPT Port - Retract	I _R	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	3 ³ / ₄	3 ³ / ₄	1	1	I _R	1 ¹ / ₂	3 ³ / ₄	3 ³ / ₄	1	1	1
Plunger Extension	J	1 ⁵ / ₈	1 ⁵ / ₈	1 ⁵ / ₈	2 ¹ / ₈	2 ¹ / ₈	2 ⁵ / ₈	2 ⁵ / ₈	J	1 ⁵ / ₈	2 ¹ / ₈	2 ¹ / ₈	2 ⁵ / ₈	2 ⁵ / ₈	2 ⁵ / ₈
Max. Recommended Ext. Lgth. at 2000 PSI		131	155	170	186	235	272	386		171	184	199	241	275	390
Max. Stroke at 2000 PSI		59	70	77	84	106	122	174		100	108	117	142	162	234
*To Find Closed Length - Lc	X	9.38	9.38	9.38	10.12	10.12	11.12	11.25	X	13.00	13.50	13.75	14.50	14.75	14.88
Equation I	L _C	Stroke + X up to 45" stroke O.L. = 3 ³ / ₈ "							L _C	Stroke 2 + X up to 95" stroke O.L. = 6"					
Equation II	X ₁	12.00	12.00	12.00	12.75	12.75	13.75	13.88	X ₁	Stroke - 95 6 (To next largest whole number)					
	L _C	Stroke + X ₁ 46" to 65" stroke O.L. = 6"							L _C	Stroke 2 + X + X ₁ 95" stroke to max. O.L. = 6" + X ₁					
Equation III	X ₂	Stroke - 65 4.5 (To next largest whole number)							X ₂	Not Required					
	L _C	Stroke + X ₁ + X ₂ 66" stroke to max.							L _C	Not Required					



3 STAGE						4 STAGE					5 STAGE				6 STAGE		
	SD53	SD63	SD73	SD83	SD93		SD64	SD74	SD84	SD94		SD75	SD85	SD95		SD86	SD96
A	5 ³ / ₄	6 ³ / ₄	8	9 ¹ / ₈	10 ¹³ / ₁₆	A	6 ³ / ₄	8	9 ¹ / ₈	10 ¹³ / ₁₆	A	8	9 ¹ / ₈	10 ¹³ / ₁₆	A	9 ¹ / ₈	10 ¹³ / ₁₆
B	6 ³ / ₈	7 ³ / ₈	8 ⁵ / ₈	9 ⁷ / ₈	11 ³ / ₄	B	7 ³ / ₈	8 ⁵ / ₈	9 ⁷ / ₈	11 ³ / ₄	B	8 ⁵ / ₈	9 ⁷ / ₈	11 ³ / ₄	B	9 ⁷ / ₈	11 ³ / ₄
C	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	7 ⁷ / ₈	9 ³ / ₈	C	5 ³ / ₄	6 ³ / ₄	7 ⁷ / ₈	9 ³ / ₈	C	6 ³ / ₄	7 ⁷ / ₈	9 ³ / ₈	C	7 ⁷ / ₈	9 ³ / ₈
D	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	7 ⁷ / ₈	D	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	7 ⁷ / ₈	D	5 ³ / ₄	6 ³ / ₄	7 ⁷ / ₈	D	6 ³ / ₄	7 ⁷ / ₈
E	2 ³ / ₄	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	E	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	E	4 ³ / ₄	5 ³ / ₄	6 ³ / ₄	E	5 ³ / ₄	6 ³ / ₄
F						F	2 ³ / ₄	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	F	3 ³ / ₄	4 ³ / ₄	5 ³ / ₄	F	4 ³ / ₄	5 ³ / ₄
G						G					G	2 ³ / ₄	3 ³ / ₄	4 ³ / ₄	G	3 ³ / ₄	4 ³ / ₄
H						H					H				H	2 ³ / ₄	3 ³ / ₄
I _E	3/4	1	1	1 ¹ / ₄	1 ¹ / ₄	I _E	3/4	1	1	1 ¹ / ₄	I _E	3/4	1	1	I _E	3/4	1
I _R	1 ¹ / ₂	3/4	3/4	1	1	I _R	1 ¹ / ₂	3/4	3/4	1	I _R	1 ¹ / ₂	3/4	3/4	I _R	1 ¹ / ₂	3/4
J	1 ⁵ / ₈	2 ¹ / ₈	2 ¹ / ₈	2 ⁵ / ₈	2 ⁵ / ₈	J	1 ⁵ / ₈	2 ¹ / ₈	2 ¹ / ₈	2 ⁵ / ₈	J	1 ⁵ / ₈	2 ¹ / ₈	2 ¹ / ₈	J	1 ⁵ / ₈	2 ¹ / ₈
	215	220	259	289	403		263	289	314	425		350	370	465		T.B.D.	T.B.D.
	146	150	175	194	268		191	209	226	304		259	272	335		T.B.D.	T.B.D.
X	14.00	14.75	14.75	15.75	15.88	X	15.25	15.75	16.25	16.88	X	16.25	17.25	17.88	X	17.75	18.38
L _C	$\frac{\text{Stroke}}{3} + X$ up to 120" stroke O.L. = 6"					L _C	$\frac{\text{Stroke}}{4} + X$ up to 140" stroke O.L. = 6"				L _C	$\frac{\text{Stroke}}{5} + X$ up to 140" stroke O.L. = 6"			L _C	$\frac{\text{Stroke}}{6} + X$ up to 150" stroke O.L. = 6"	
X ₁	$\frac{\text{Stroke} - 120}{5}$ (To next largest whole number)					X ₁	$\frac{\text{Stroke} - 140}{6}$ (To next largest whole number)				X ₁	$\frac{\text{Stroke} - 140}{8}$ (To next largest whole number)			X ₁	$\frac{\text{Stroke} - 150}{10}$ (To next largest whole number)	
L _C	$\frac{\text{Stroke}}{3} + X + X_1$ 120" stroke to max. O.L. = 6" + X ₁					L _C	$\frac{\text{Stroke}}{4} + X + X_1$ 140" stroke to max. O.L. = 6" + X ₁				L _C	$\frac{\text{Stroke}}{5} + X + X_1$ 140" to 210" stroke O.L. = 6" + X ₁			L _C	$\frac{\text{Stroke}}{6} + X + X_1$ 150" to 250" stroke O.L. = 6" + X ₁	
X ₂	Not Required					X ₂					X ₂	$\frac{\text{Stroke} - 210}{3.5}$ (To next largest whole number)			X ₂	Check with Engineering	
L _C	Not Required					L _C					L _C	$\frac{\text{Stroke}}{5} + X + X_2 + 9$ 211" stroke to max. O.L. = 15" + X ₂			L _C	Check with Engineering	

Accurate

A-17	D72CC-48-85
A-18	D62CC-36-68
A-19	D52CB-31-6
HH-1	D62LB-5-80
HH-2	D72LB-9-80
HP-HH001	D62LB-5-80
HP-HH002	D72LB-9-80
HP-HH004	SD73DB-5-120
HP-HH007	D52CB-31-6
HP-HH008	D62DB-8-79
HP-HH011	SD73DB-5-120
HP-HH012	SD73DB-5-120
MF-51	D72LB-9-80
MF-51-N	D62DB-8-79

American Roll-Off / Automated Waste

110-100	SD63CC-16-92
110-200	SD63CC-16-110
110-300	SD63CC-16-110
110-450	D62CB-20-80.88
110-460	D62CC-58-80.88
110-500	D72CB-14-83.62
110-510	D72CC-53-80.88
110-730	D30LL-6-36
110-800	D35LC-1-80
110-870	D35LC-1-60
ARU6088	D62CC-58-80.88
B611	D62CB-18-78

Anthony Midwest Body

H070105	S63DC-44-111 CM26
H0701052	S63DC-44-111 CM26
H071043	S73DC-40-110 CM23
H0710432	S73DC-40-110 CM26
H075018	S73DC-40-124 CM23
H0750182	S73DC-40-124 CM26
H130409	S63DC-47-140 CM26

Atlas

B519	SD63CC-16-92
B532C	SD63CC-16-110

Benton Harbor

A89646	D70LN-2-90
A89811	D70DC-2-81
A89876	D40BB-1-48
A89998	D60BB-3-4.81
A90336	D60LN-2-80
A90337	D60DN-2-90
A90614	D70LN-2-75
A90643	D40BB-2-90
A90723	D50BB-3-52
A90772	D30BB-1-37
A91321	D60LN-2-75
P89645	D70LN-2-80
P89647	D70LN-2-108
P89648	D60DB-7-72
P91189	D60DC-9-78

Challange Cook

5054854	D4048
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Commercial

A4455	D40DD-22-15
B3151	D35CC-17-21.62
B3152	D45CC-11-26.94
B4100	D25LD-2-90
B4103	D45CC-15-41.50
B4663	D50CB-3-42
B4768	B5387
B4777	D30CD-10-28
B4957	D20LL-4-17.50
B4996	D35LD-4-20
B5007	D35DD-3-16
B5109	D40CB-7-42
B5217	D35DB-2-14.25
B5389	D35DD-3-16
B5420	D62LB-5-80

Commercial

B5423	D30LL-7-16
B5424	D35LL-8-16
B5461	D30CD-9-20
B5501	D35DD-1-17.88
B5546	D25LL-14-42
B5550	D45LD-7-45.38
B5551	D35LD-5-19
B5552	D25LL-9-36
B5553	D25LL-15-71.50
B5670	D45CC-12-44
B5740	D30DD-12-9.12
B5782	D45CC-7-46
B5790	D25LL-15-84
B5946	D40DD-17-42
B5947	D40DD-19-22.50
B5998	D3850
B6002	D45DD-7-34.50
B6047	D50DD-23-52.75
B6048	D30CD-11-21.25
B6223	B6347
B6390	D25LL-8-38
B6419	D60CC-33-65.75
B6548	D50DD-21-39.50
C3666	D60CC-34-35
C3667	D60CC-29-35
C3804	B5806
C3805	D50CB-8-27
C3807	D40CD-9-24
C3808	D40CD-10-24
C3811	D25LD-3-94
C3813	D50CE-2-43.75
C3840	D25LL-12-16
C3842	D35CC-18-36.88
C3843	D50CC-22-20
C3844	D50CC-23-36
C3863	D40LB-1-35.31
C3865	D40DB-3-28.5
C3869	D25LD-3-66
C3870	D60DC-7-42.62
C3873	D25CC-10-14.12
C3877	S35CC-2-24.75
C3879	D55CB-5-49.88
C3880	D60DD-14-79
C3881	D70DD-6-79
C3882	D60CF-3-32.38
C3884	D40CL-2-39.38
C3919	D45CD-3-49.12
C3924	D40CD-11-15
C3925	D50DC-3-45
C3926	D40CD-8-22
C3933	D45CC-14-41.50
C4101	D40CD-14-25
C4102	D30CL-2-25.25
C4109	D40DD-10-21.62
C4155	D60CC-26-78
C4208	C5220
C4337	D35BB-1-80
C4435	D30LD-2-33.38
C4436	D30DD-4-89
C4439	D30CL-2-25.25
C4444	D60DB-7-72
C4469	D40CC-16-24.81
C4477	D40DD-10-21.62
C4481	D25DD-3-63
C4489	C5219
C4497	C5220
C4622	D45CC-15-41.50
C4793	D55CC-6-63
D3728	D60DD-4-69
D3783	D4143
D3787	D4143
D3809	D40CE-3-24
D3855	D60DB-20-63
D4088	D55DB-2-63
D4094	D60DC-10-30.50
D4250	B5473
D4398	D35CC-16-26
D4434	D45CD-3-49.12

Commercial

D4437	D35LD-2-16.5
D4448	D40DD-16-22.50
D4478	D35LD-3-23.25
D4479	D60DB-16-67.5
D4480	D40LD-2-16.5
D4482	D55CC-3-49.13
D25LL-7-38	D25LL-8-38
D30DD-8-23	D30DD-9-23
D30LC-1-31.5	D30LC-2-31.5
D35DL-1-26.31	D35DL-2-26.31
D42CB-13-21	D40CB-8-21
D42CB-14-21	D40CB-8-21
D45CC-2-35	D4048
D45CD-1-49.13	D45CD-3-49.12
D45CE-2-41.50	D55CC-14-41.50
D45LD-4-24	D45LD-6-24
D50AB-2-10	D50AB-4-10
D50BB-1-52	D50BB-3-52
D50BB-2-52	D50BB-3-52
D50CB-5-40	D50CB-6-40
D50DB-6-54	D50DB-12-54
D55CC-1-49.13	D55CC-3-49.13
D60CC-23-78	D60CC-26-78
D60CC-24-78	D60CC-26-78
D60CC-28-35	D60CC-34-35
D60DB-1-67.5	D60DB-16-67.5
D60DB-2-58	D60DB-14-58
D60DB-3-108	D60DB-12-108
D60DB-4-72	D60DB-7-72
D60DB-6-108	D60DB-12-108
D60DB-11-67.5	D60DB-16-67.5
D60DC-1-42.62	D60DC-7-42.62
D60DC-7-42.62	D60DC-7-42.62
D60DD-5-69	D60DD-4-69
D60DD-6-69	D60DD-4-69
D60DD-11-79	D60DD-14-79
D60DN-1-90	D60DN-2-90
D60LN-1-75	D60LN-2-75
D62DB-5-15	D62DB-9-15
D62DB-7-72	D60DB-7-72
D62DC-10-30	D60DC-10-30.50
D62DD-6-69	D60DD-4-69
D62LB-2-81	D62LB-5-80
D62LB-3-79	D62LB-5-80
D62LB-3-80	D62LB-3-80
D62MI-1-80	D62LB-5-80
D62MT-2-80	D62LB-5-80
D70CC-5-78	D70CC-7-78
D70CC-7-78	D70CC-7-78
D70DB-1-115	D70DB-2-115
D70DD-5-79	D70DD-6-79
D70LN-1-80	D70LN-2-80
D72DB-3-15	D72DB-7-15
D72DB-3-25	D72DB-7-25
D72DB-4-15	D72DB-7-15
D72DB-4-25	D72DB-7-25
D72DB-4-25-1	D72DB-7-25-1
D72DB-10-79	D70DD-6-79
D72LB-1-80	D72LB-9-80
D72LB-3-80	D72LB-3-80
D72LB-5-80	D72LB-9-80
D72LB-6-81	D72LB-9-80
D72LP-1-80	D70LN-2-80
D72MI-1-80	D72LB-9-80
D72MI-2-92	D72LB-8-92
D72MT-1-80	D72LB-9-80
D84DA-1-25	D84DB-7-25
D84DB-3-25	D84DB-7-25
D84DB-4-25	D84DB-7-25
D84DB-4-25-1	D84DB-7-25-1
D84DB-5-25	D84DB-7-25
D84DB-5-25-1	D84DB-7-25-1
S42MB-1-86	S42MB-3-90
S42MB-1-90	S42MB-3-90
S52DB-5-55	S52DB-6-55
S53DB-1-103	S53DB-8-103
S53DB-3-75	S53DC-14-72 CM25
S53DB-CP242-63	S53DB-7-63

Crossover and Application Data is for Reference Purpose Only. No Other Conditions are Expressed or Implied.

Note: It is the Users Responsibility to Verify if the Replacement Cylinder is Interchangeable.

Note: In some applications, modifications may be required for proper cylinder installation.

Note: Bold / Highlighted Items are Standard Warehouse Cylinders.

Commercial

S53DB-CP279-63	S53DB-7-63
S53DC-3-72	S53DC-14-72
S53DC-3-84	S53DC-14-84
S53DC-4-107	S53DC-11-107
S53DC-4-126	S53DC-11-126
S53DC-5-107	S53DC-11-107
S53DC-5-126	S53DC-11-126
S53DC-6-99	S53DC-15-99
S53DC-6-105	S53DC-15-105
S53DC-6-120	S53DC-15-120
S53DC-6-123	S53DC-15-123
S53DC-8-84	S53DC-14-84 CM8
S53DC-8-104	S53DC-11-104
S53DC-8-120	S53DC-11-120
S53DC-8-130	S53DC-11-130
S53DC-9-72	S53DC-14-72
S53DC-9-84	S53DC-14-84
S53DC-10-72	S53DC-14-72
S53DC-10-84	S53DC-14-84
S53DC-12-84	S53DC-14-84 CM8
S53DC-12-104	S53DC-11-104
S53DC-12-120	S53DC-11-120
S53DC-12-130	S53DC-11-130
S53DC-19-90	S53DB-12-90
S53DC-CP403-80	S53DC-16-80.75
S53MB-1-120	S53MB-3-120
S53MC-CP686-166	S53MC-38-166
S62CC-15-69	S62CC-30-69
S63CC-22-80	S63DC-47-77
S63CC-22-111	S63DC-44-111
S63CC-22-123	S63DC-44-123
S63DC-3-111	S63DC-44-111
S63DC-5-82	S63DC-47-82 CM11
S63DC-6-82	S63DC-47-82 CM11
S63DC-22-80	S63DC-47-77
S63DC-22-87	S63DC-47-92
S63DC-22-90	S63DC-47-92
S63DC-22-95	S63DC-47-104
S63DC-22-111	S63DC-44-111
S63DC-22-123	S63DC-44-123
S63DC-23-108	S63DC-44-111
S63DC-23-128	S63DC-47-130
S63DC-26-111	S63DC-44-111
S63DC-27-111	S63DC-44-111 CM9
S63DC-28-120	S63DC-47-120 CM45
S63DC-30-111	S63DC-44-111
S63DC-30-123	S63DC-44-123
S63DC-31-107	S63DC-47-107 CM37
S63DC-31-126	S63DC-44-123 CM37
S63DC-32-120	S63DC-45-120
S63DC-32-126	S63DC-45-126
S63DC-32-138	S63DC-45-138
S63DC-32-162	S63DC-45-162
S63DC-33-105	S63DC-47-107
S63DC-33-120	S63DC-47-120
S63DC-33-132	S63DC-47-130
S63DC-34-86	S63DC-47-86
S63DC-37-82	S63DC-47-82
S63DC-41-120	S63DC-47-120 CM9
S63DC-41-130	S63DC-47-130 CM9
S63DC-41-140	S63DC-47-140 CM9
S63DC-46-107	S63DC-47-107 CM37
S63DC-46-126	S63DC-44-123 CM37
S63DC-48-120	S63DC-47-120 CM9
S63DC-48-130	S63DC-47-130 CM9
S63DC-48-140	S63DC-47-140 CM9
S63DC-50-105	S63DC-47-107
S63DC-50-120	S63DC-47-120
S63DC-50-132	S63DC-47-130
S63DC-52-77	S63DC-47-77
S63DC-53-86	S63DC-47-86
S63DC-70-66	S63DC-75-66
S63DC-72-130	S63DC-47-130
S63DC-CP577-66	S63DC-75-66
S63MB-1-120	S63MB-9-120
S63MB-1-140	S63MB-8-140
S63MB-2-120	S63MB-9-120
S63MB-5-108	S63MB-11-108

Commercial

S63MB-8-120	S63MB-9-120
S64DB-1-135	S64DB-6-135
S64DB-1-156	S64DB-6-156
S64DB-2-135	S64DB-6-135
S64DB-2-156	S64DB-6-156
S64DB-3-135	S64DB-6-135
S64DB-3-156	S64DB-6-156
S64DB-4-135	S64DB-6-135
S64DB-4-156	S64DB-6-156
S64DB-5-135	S64DB-6-135
S64DB-5-156	S64DB-6-156
S64DC-1-157	S64DC-7-157
S64DC-2-157	S64DC-7-157
S64DC-4-156	S64DC-9-156
S64DC-5-156	S64DC-9-156
S64DD-1-157	S64DC-7-157
S64MB-1-140	S64MB-4-140
S71CC-40-32	S71CC-42-32
S73CC-17-110	S73DC-40-110
S73CC-18-119	S73DC-40-120 CM38
S73CC-20-119	S73DC-40-120 CM11
S73CC-20-124	S73DC-40-124 CM11
S73CC-22-110	S73DC-40-110
S73CC-22-124	S73DC-40-124
S73DB-1-142	S73DC-40-140 CM23
S74DC-3-134	S74DC-40-135
S74DC-5-135	S74DC-41-135
S74DC-6-135	S74DC-40-135
S73DC-22-110	S73DC-40-110
S73DC-22-124	S73DC-40-124
S73DC-30-110	S73DC-40-110
S73DC-30-124	S73DC-40-124
S73DC-30-129	S73DC-41-129
S73DC-30-140	S73DC-40-140
S73DC-32-129	S73DC-41-129
S73DC-32-140	S73DC-40-140
S73DC-35-120	S73DC-40-120
S74CC-22-120	S74DC-40A-120
S74CC-22-134	S74DC-40-135
S74CC-22-161	S74DC-40-161
S74DC-22-120	S74DC-40A-120
S74DC-22-134	S74DC-40-135
S74DC-22-161	S74DC-40-161
S74DC-30-120	S74DC-40A-120
S74DC-30-135	S74DC-40-135
S74DC-30-138	S74DC-40-135
S74DC-30-140	S74DC-40A-140
S74DC-30-156	S74DC-40-156
S74DC-30-161	S74DC-40-161
S74DC-32-131	S74DC-41-135
S74DC-40-120	S74DC-40A-120
S74DC-40-140	S74DC-40A-140
S74DC-42-135	S74DC-40-135
S74DC-42-156	S74DC-40-156
S74DC-42-161	S74DC-40-161
S74DC-CP607-84	S74DC-70-84
S74MB-2-154	S74MB-3-154
S83CC-21-160	S83DC-40-160
S83CC-22-160	S83DC-40-160
S83DC-6-134	S83DC-26-134
S83DC-21-160	S83DC-40-160
S83DC-22-160	S83DC-40-160
S83DC-25-160	S83DC-40-160
S83DC-26-134	S83DC-26-134
S83DC-30-139	S83DC-40-139
S83DC-30-160	S83DC-40-160
S83DC-32-139	S83DC-40-139
S83DC-33-139	S83DC-40-139
S84CC-22-134	S84DC-40-140
S84CC-22-149	S84DC-40-148
S84CC-22-155	S84DC-40-161
S84CC-22-172	S84DC-40-180
S84CC-22-183	S84DC-40-188
S84CC-23-183	S84DC-40-180
S84CC-4-183	S84DC-40-188
S84CC-6-134	S84DC-40-140
S84CC-6-149	S84DC-40-148
S84CC-6-183	S84DC-40-180

Commercial

S84CC-8-166	S84DC-40-161 CM38
S84CC-8-183	S84DC-40-180 CM38
S84DC-4-134	S84DC-40-140
S84DC-4-149	S84DC-40-148
S84DC-4-183	S84DC-40-188
S84DC-7-183	S84DC-40-180
S84DC-8-134	S84DC-40-140
S84DC-8-149	S84DC-40-148
S84DC-22-134	S84DC-40-140
S84DC-22-149	S84DC-40-148
S84DC-22-155	S84DC-40-161
S84DC-22-161	S84DC-40-161
S84DC-22-172	S84DC-40-180
S84DC-22-183	S84DC-40-180
S84DC-25-134	S84DC-40-140
S84DC-25-149	S84DC-40-148
S84DC-25-161	S84DC-40-161
S84DC-25-183	S84DC-40-180
S84DC-30-134	S84DC-40-140
S84DC-30-149	S84DC-40-148
S84DC-30-161	S84DC-40-161
S84DC-30-183	S84DC-40-180
S84DC-40-134	S84DC-40-140
S84DC-40-149	S84DC-40-148
S84DC-45-134	S84DC-40-140
S84DC-45-149	S84DC-40-148
S84DC-45-183	S84DC-40-180
S84DC-46-134	S84DC-40-140
S84DC-46-149	S84DC-40-148
S84DC-46-183	S84DC-40-180
S84DC-47-148	S84DC-40-148
S85CB-3-220	S85DC-40A-220 CM1
S85CC-7-197	S85DC-40-197
S85CC-7-220	S85DC-40A-220
S85CC-8-197	S85DC-40-197
S85CC-9-200	S85DC-40-197 CM46
S85CC-9-220	S85DC-40A-220 CM46
S85CC-9-235	S85DC-40-235 CM46
S85CC-22-183	S85DC-40-190
S85CC-22-190	S85DC-40-190
S85CC-22-197	S85DC-40-197
S85CC-22-220	S85DC-40A-220
S85CC-22-235	S85DC-40-235
S85CC-22-250	S85DC-40-250
S85CC-23-220	S85DC-40A-220 CM2
S85CC-23-235	S85DC-40-235 CM4
S85CC-24-166	S85DC-51-160
S85DB-1-200	S85DC-40-197 CM46
S85DB-1-220	S85DC-40A-220 CM46
S85DB-1-235	S85DC-40-235 CM46
S85DB-1-250	S85DC-40-250 CM46
S85DB-1-260	S85DC-40A-265 CM46
S85DB-2-235	S85DC-40-235 CM22
S85DB-3-200	S85DC-40-197 CM46
S85DB-3-220	S85DC-40A-220 CM46
S85DB-3-235	S85DC-40-235 CM46
S85DB-3-250	S85DC-40-250 CM46
S85DB-3-260	S85DC-40A-265 CM46
S85DC-5-175	S85DC-40-170
S85DC-5-197	S85DC-40-197
S85DC-5-220	S85DC-40A-220
S85DC-7-200	S85DC-40-197
S85DC-7-220	S85DC-40A-220
S85DC-7-235	S85DC-40-235
S85DC-7-250	S85DC-40-250
S85DC-8-220	S85DC-40A-220
S85DC-8-235	S85DC-40-235
S85DC-10-197	S85DC-40-197
S85DC-10-220	S85DC-40A-220
S85DC-12-220	S85DC-40A-220
S85DC-13-210	S85DC-40A-220
S85DC-22-176	S85DC-40-170
S85DC-22-183	S85DC-40-190
S85DC-22-190	S85DC-40-190
S85DC-22-197	S85DC-40-197
S85DC-22-220	S85DC-40A-220
S85DC-22-235	S85DC-40-235
S85DC-22-250	S85DC-40-250

Crossover and Application Data is for Reference Purpose Only. No Other Conditions are Expressed or Implied.

Note: It is the Users Responsibility to Verify if the Replacement Cylinder is Interchangeable.

Note: In some applications, modifications may be required for proper cylinder installation.

Note: Bold / Highlighted Items are Standard Warehouse Cylinders.

Commercial

S85DC-23-220	S85DC-40A-220 CM4
S85DC-23-235	S85DC-40-235 CM4
S85DC-25-183	S84DC-40-180
S85DC-25-190	S85DC-40-190
S85DC-25-250	S85DC-40-250
S85DC-30-190	S85DC-40-190
S85DC-30-197	S85DC-40-197
S85DC-30-220	S85DC-40A-220
S85DC-30-235	S85DC-40-235
S85DC-30-250	S85DC-40-250
S85DC-35-190	S85DC-64-190
S85DC-35-220	S85DC-64-220
S85DC-35-235	S85DC-64-235
S85DC-35-250	S85DC-64-250
S85DC-36-190	S85DC-64-190
S85DC-36-220	S85DC-64-220
S85DC-36-235	S85DC-64-235
S85DC-36-250	S85DC-64-250
S85DC-36-265	S85DC-64-265
S85DC-36-280	S85DC-64-285
S85DC-40-220	S85DC-40A-220
S85DC-40-265	S85DC-40A-265
S85DC-45-200	S85DC-40-197
S85DC-45-220	S85DC-40A-220
S85DC-45-235	S85DC-40-235
S85DC-45-250	S85DC-40-250
S85DC-46-200	S85DC-40-197
S85DC-46-220	S85DC-40A-220
S85DC-46-235	S85DC-40-235
S85DC-46-250	S85DC-40-250
S85DC-47-235	S85DC-40-235
S85DC-47-250	S85DC-40-250
S85DC-50-190	S85DC-64-190
S85DC-50-220	S85DC-64-220
S85DC-50-235	S85DC-64-235
S85DC-50-250	S85DC-64-250
S85DC-50-265	S85DC-64-265
S85DC-50-280	S85DC-64-285
S85DC-52-190	S85DC-64-190
S85DC-52-220	S85DC-64-220
S85DC-52-235	S85DC-64-235
S85DC-52-250	S85DC-64-250
S85DC-52-265	S85DC-64-265
S85DC-52-280	S85DC-64-285
S85DC-55-190	S85DC-64-190
S85DC-55-220	S85DC-64-220
S85DC-55-235	S85DC-64-235
S85DC-55-250	S85DC-64-250
S85DC-55-265	S85DC-64-265
S85DC-55-280	S85DC-64-285
S85DC-56-190	S85DC-64-190
S85DC-56-220	S85DC-64-220
S85DC-56-235	S85DC-64-235
S85DC-56-250	S85DC-64-250
S85DC-56-265	S85DC-64-265
S85DC-56-280	S85DC-64-285
S85DC-59-190	S85DC-64-190
S85DC-59-220	S85DC-64-220
S85DC-59-235	S85DC-64-235
S85DC-59-250	S85DC-64-250
S85DC-59-265	S85DC-64-265
S85DC-59-285	S85DC-64-285
S85DC-59A-265	S85DC-64-265
S85DC-61-190	S85DC-64-190
S85DC-61-220	S85DC-64-220
S85DC-61-235	S85DC-64-235
S85DC-61-250	S85DC-64-250
S85DC-61-265	S85DC-64-265
S85DC-61-285	S85DC-64-285
S85MB-2-197	S85MC-48-200
S85MB-3-190	S85MC-48-200 CM53
S85MB-3-220	S85MC-48-220 CM53
S85MC-3-200	S85MC-48-200
S85MC-3-220	S85MC-48-220
S85MC-3-235	S85MC-48-235
S85MC-3-250	S85MC-48-250
S85MC-5-200	S85MC-48-200
S85MC-12-200	S85MC-48-200

Commercial

S85MC-25-220	S85MC-48-220
S85MC-35-220	S85MC-48-220
S85MC-45-200-15.5	S85MC-48-200
S85MC-45-220-15.5	S85MC-48-220
S85MC-45-235-15.5	S85MC-48-235
S85MC-45-250-15.5	S85MC-48-250
S85MC-46-170-15.5	S85MC-48-170
S85MC-46-200-15.5	S85MC-48-200
S85MC-46-220-15.5	S85MC-48-220
S85MC-46-235-15.5	S85MC-48-235
S85MC-46-250-15.5	S85MC-48-250
S85MC-46-265-15.5	S85MC-48-265
S85MC-46-280-15.5	S85MC-48-280
S95CC-22-190	S95DC-40-190 CM4
S95CC-22-220	S95DC-40-220 CM4
S95CC-22-235	S95DC-40-235 CM4
S95CC-22-250	S95DC-40-250 CM4
S95DC-22-190	S95DC-40-190 CM4
S95DC-22-235	S95DC-40-235 CM4
S95DC-22-250	S95DC-40-250 CM4
S95DC-25-190	S95DC-40-190 CM4
S95DC-25-235	S95DC-40-235 CM4
S95DC-25-250	S95DC-40-250 CM4
S95DC-30-220	S95DC-40-220 CM4
S95DC-30-235	S95DC-40-235 CM4
S95DC-30-250	S95DC-40-250 CM4
S95DC-30-300	S95DC-40A-300
S95DC-31-260	S95DC-40-265
S95DC-40-300	S95DC-40A-300
S95DC-40-320	S95DC-40A-320
S95DC-40-340	S95DC-40A-340
S95DC-41-260	S95DC-40-265
SA53DB-1-63	S53DB-2-63
SA53DB-3-110	S53DC-11-107 CM25
SA53DB-3-120	S53DC-11-120 CM25
SA73DC-2-139	S73DC-40-140
SA74DC-3-161	S74DC-40-161
SA83DC-1-139	S83DC-40-139
SA85DC-1-197	S85DC-40-197
SD42CC-8-111	SD42CC-19-111
SD42CC-10-111	SD42CC-19-111
SD42CC-13-111	SD42CC-19-111
SD43CC-4-106	SD53CC-25-106
SD52CC-19-111	SD52CC-24-111
SD52CC-26-72	SD52CC-27-72
SD52CC-CP326-72	SD52CC-27-72
SD52CC-CP543-92	SD52CC-25-92.5
SD52DC-6-119	SD52DC-12-119
SD52DC-8-119	SD52DC-12-119
SD52DC-8-140	SD52DC-12-140
SD52DC-9-140	SD52DC-12-140
SD52DC-10-119	SD52DC-12-119
SD52DC-10-140	SD52DC-12-140
SD52DC-CP627-55	SD52DC-CP627-55
SD53CC-26-155	SD53CC-36-155
SD53CC-28-182	SD53CC-38-182
SD53CC-31-151	SD53CC-38-151.5
SD53CC-31-170	SD53CC-38-170.12
SD53CC-31-182	SD53CC-38-182
SD53CC-32-151.5	SD53CC-38-151.5
SD53CC-32-170.12	SD53CC-38-170.12
SD53CC-32-182	SD53CC-38-182
SD53CC-CP236-155	SD53CC-36-155
SD53CD-1-182	SD53CD-2-182
SD62CB-11-79	SD62CB-12-79
SD62CB-11-94	SD62CB-12-94
SD62CB-11-114	SD62CB-12-114
SD62CB-CP325-84	SD62CB-3-84
SD62CC-CP001-82	SD62CC-20-82
SD63CB-5-132	SD63CB-12-132
SD63CB-5-167	SD63CB-12-167
SD63CB-6-118	SD63CB-11-118
SD63CB-7-132	SD63CB-12-132
SD63CB-7-167	SD63CB-12-167
SD63CB-8-132	SD63CB-12-132
SD63CB-8-167	SD63CB-12-167
SD63CB-8-197.44	SD63CB-12-197
SD63CB-14-118	SD63CB-11-118

Commercial

SD63CB-15-132	SD63CB-12-132
SD63CB-15-167	SD63CB-12-167
SD63CB-15-197	SD63CB-12-197
SD63CC-20-167	SD63CC-23-167
SD63CC-22-124	SD63CC-28-124
SD63CC-24-124	SD63CC-28-124
SD63CC-40-164	SD63CC-41-164
SD63CC-40-181	SD63CC-41-181
SD63DB-4-120	SD63DB-14-120
SD63DB-5-120	SD63DB-14-120
SD63DB-9-120	SD63DB-14-120
SD63DB-13-120	SD63DB-14-120
SD63DC-70-101	SD63DC-71-101
SD63DC-70-81	SD63DC-71-81
SD63DC-CP155-80	SD63DC-7-80
SD63DC-CP167-88	SD63DC-7-88
SD63DC-CP441-61	SD63DC-7-61
SD63DD-1-164	D4145
SD63DD-2-164	D4145
SD64CC-3-102	SD64CC-5-107
SD64CC-6-132	SD64CC-7-132
SD64CC-6-152	SD64CC-7-152
SD64CC-CP542-118	SD64CC-7-118
SD64DC-2-156	SD63DC-3-156
SD73CC-9-120	SD73CC-25-120
SD73DB-4-120	SD73DB-5-120
SD73DB-7-115	SD73DB-8-115
SD74CC-14-163	SD74CC-13-162.88
SD74CC-4-135	SD74CC-12-135
SD74CC-7-135	SD74CC-12-135
SD74CC-9-131	SD74CC-11-131
SD74DB-8-144	SD74DB-6-144
SD74DB-CP448-200	SD74DB-9-200
SD74DC-7-109	SD74DC-9-109
SD74DC-CP135-119	SD74DC-7-119
SD74DC-CP186-109	SD74DC-9-109
SD83CB-5-117	SD83CB-16-117
SD83CB-6-117	SD83CB-16-117
SD83CB-7-117	SD83CB-16-117
SD83CB-13-117	SD83CB-16-117
SD83CB-15-117	SD83CB-16-117
SD83CC-5-132	SD83CC-24-132
SD83CC-5-156	SD83CC-24-156
SD83CC-16-126	SD83CC-27-126
SD83CC-25-126	SD83CC-27-126
SD83CC-26-126	SD83CC-27-126
SD83GF-1-156	SD83GF-2-156
SD83LF-3-177	SD83LF-5-177
SD83LF-4-177	SD83LF-5-177
SD84CC-5-144	SD84CC-20-144
SD84CC-5-178	SD84CC-20-178
SD84CC-6-135	SD84CC-21-135
SD84CC-17-178	SD84CC-20-178
SD84DD-1-168	SD84DD-2-168
SD84MC-3-152	SD84MC-18-152
SD84MC-3-176	SD84MC-18-176
SD84MC-4-152	SD84MC-18-152
SD84MC-4-176	SD84MC-18-176
SD84MC-6-152	SD84MC-21-152
SD84MC-6-176	SD84MC-21-176
SD84MC-7-285	SD84MC-19-285
SD84MC-7-340	SD84MC-19-340
SD84MC-8-152	SD84MC-18-152
SD84MC-8-176	SD84MC-18-176
SD84MC-9-152	SD84MC-18-152
SD84MC-9-176	SD84MC-18-176
SD84MC-10-285	SD84MC-19-285
SD84MC-10-340	SD84MC-19-340
SD84MC-11-406	SD84MC-20-406
SD84MC-12-406	SD84MC-20-406
SD84MC-13-152	SD84MC-21-152
SD84MC-13-176	SD84MC-21-176
SD84MC-14-152	SD84MC-18-152
SD84MC-16-406	SD84MC-23-406
SD85CC-12-348	SD85CC-19-348
SD85CC-13-156	SD85CC-20-156
SD85CC-14-156	SD85CC-20-156
SD85CC-17-348	SD85CC-19-348

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Commercial

SD85CC-17-378	SD85CC-19-378
SD85CC-23-236	SD85CC-24-236
SD85CC-6-156	SD85CC-20-156
SD85DC-1-380	SD85DC-2-380
SD85DC-1-440	SD85DC-2-440
SD85DC-CP199-163	SD85DC-7-163
SD85MC-3-221	SD85MC-15-220
SD85MC-4-221	SD85MC-15-220
SD85MC-8-220	SD85MC-15-220
SD85MC-9-220	SD85MC-15-220
SD85MC-11-220	SD85MC-16-220
SD85MC-14-241	SD85MC-18-241
SD94CC-1-176	SD94CC-7-176
SD94CC-2-176	SD94CC-7-176
SD94CC-3-176	SD94CC-7-176
SD94CC-4-190	SD94CC-8-190
SD94CC-6-190	SD94CC-9-190
SD95CC-1-160	SD95CC-3-160
SD95MC-1-220	SD95MC-5-220
SD95MC-2-220	SD95MC-6-220
SD95MC-3-239	SD95MC-7-239
SD95MC-4-239	SD95MC-7-239
SD96CC-1-199	SD96CC-3-199
SD96MC-3-288	SD96MC-4-288
SD96MC-5-384	SD96MC-8-384
SD96MC-6-412	SD96MC-5-412
SD96MC-6-456	SD96MC-5-456
SD96MC-6-480	SD96MC-5-480

Crane Carrier

67-191	SD96MC-4-288
67-207	SD85MC-18-241
67-218	SD95MC-7-239
67-228	SD63CC-15-108
67-234	SD95MC-7-239
67-247	SD74CC-10-161
67-249	SD96MC-4-288
67-250	SD85MC-18-241
67-260	SD63CC-15-116
74-270	SD74CC-10-161

Crysteel

107439	S74DC-40-161
107450	S73DC-41-129
107455	S73DC-40-150
107548	S73DC-40-150
403013	S74DC-40-161
403108	S73DC-41-129
403109	S73DC-40-150
403110	S74DC-40-161
T73129	S73DC-41-129
T73147	S73DC-40-150
T74167	S74DC-40-161

Custom Hoist

32-29-43	S32DB-1-43 CM72
42-1-90	S42MB-3-90
42-21-53	S42DB-5-51 CM72
42-38-50	S42MB-6-50
42-38-51	S42MB-6-50
42-38-60	M42MB-60
42-44-60	S42MB-5-60
42-60-43	M52CB-43-P
42-75-43	S42DB-5-43 CM72
42-75-50	S42DB-5-51 CM72
42-76-43	M42DB-43-P
43-2-74	S43MB-1-75
43-5-72	S43DB-2-75 CM72
43-5-75	S43DB-2-75 CM72
52-46-88	S52DC-7-88
53-2-60S	S53DC-14-72 CM4
53-2-72	S53DC-14-72 CM4
53-2-72S	S53DC-14-72 CM4
53-2-74	S53DC-14-72 CM4
53-2-84	S53DC-14-84 CM4
53-2-88	S53DC-14-84 CM4
53-2-90	S53DC-14-84 CM4
53-2-104	S53DC-11-104 CM4

Custom Hoist

53-2-105	S53DC-11-104 CM4
53-2-126	S53DC-11-126 CM4
53-2-130	S53DC-11-130 CM4
53-3-120	S53MB-3-120
53-3-130	S53MB-3-130
53-3-140	S53MB-3-140
53-5-110	S53DC-11-107
53-12-99	S53DC-15-99
53-12-122	S53DC-15-123
53-14-67	S53MB-5-74
53-14-74	S53MB-5-74
53-52-120	S53DC-15-120
53-52-130	S53DC-11-130 CM2
53-59-99	S53DC-15-99
53-59-105	S53DC-15-105
53-59-122	S53DC-15-123
53-59-128	S53DC-15-123
53-71-63	S53DB-2-63
53-72-104	S53DC-11-104 CM4
53-72-105	S53DC-11-104 CM4
53-72-130	S53DC-11-130 CM4
53-73-74	S53MB-5-74
53-73-89	S53MB-5-90
53-80-120	S53DC-15-120
53-97-63	S53DB-2-63
53-110-71	S53DC-60-71
53-110-81	S53DC-60-81
53-110-108	S53DC-60-108
53-111-71	S53DB-9-71
53-111-83	S53DB-9-82
53-111-90	S53DB-9-92
53-111-92	S53DB-9-92
53-120-65	S53DC-18-64.75
53-120-81	S53DC-16-80.75
53-131-110	S53DC-11-107
53-131-130	S53DC-11-126
53-139-72	S53DC-14-72
53-139-84	S53DC-14-84
53-139-104	S53DC-11-104
53-139-130	S53DC-11-130 CM4
53-147-105	S53DC-11-104 CM4
53-147-130	S53DC-11-130 CM4
53-149-99	S53DC-15-99
53-403-120	S53MB-3-120
53-403-140	S53MB-3-140
53-459-105	S53DC-15-105
53-459-122	S53DC-15-123
53-459-128	S53DC-15-123
53-531-110	S53DC-11-107
53-531-130	S53DC-11-126
53-539-84	S53DC-14-84
53-703-120	S53MB-3-120
53-703-140	S53MB-3-140
53-759-105	S53DC-15-105
53-759-122	S53DC-15-123
53-759-128	S53DC-15-123
53-771-63	S53DB-2-63
53-810-71	S53DC-60-71
53-810-81	S53DC-60-81
53-810-108	S53DC-60-108
53-831-110	S53DC-11-107
53-831-130	S53DC-11-126
53-839-72	S53DC-14-72
53-839-84	S53DC-14-84
53-839-104	S53DC-11-104
53-892-84	S53DC-14-84
53-892-106	S53DC-11-104
63-1-80	S63DC-47-77 CM43
63-1-84	S63DC-47-86 CM43
63-1-88	S63DC-47-86 CM43
63-1-104	S63DC-47-104 CM43
63-1-105	S63DC-47-104 CM43
63-1-120	S63DC-47-120 CM45
63-1-130	S63DC-47-130 CM43
63-1-137	S63DC-47-130 CM43
63-1-138	S63DC-47-130 CM43
63-2-72S	S63DC-47-77 CM2
63-2-74S	S63DC-47-77 CM2

Custom Hoist

63-2-84	S63DC-47-86
63-2-84S	S63DC-47-86
63-2-87	S63DC-47-86 CM2
63-2-88	S63DC-47-86 CM2
63-2-90	S63DC-47-86 CM2
63-2-92S	S63DC-47-92
63-2-93	S63DC-47-92
63-2-99S	S63DC-47-104 CM2
63-2-100S	S63DC-47-107 CM2
63-2-102	S63DC-47-104 CM2
63-2-104	S63DC-47-104
63-2-105	S63DC-47-104 CM2
63-2-106	S63DC-47-107 CM2
63-2-108	S63DC-47-107
63-2-111S	S63DC-44-111
63-2-120	S63DC-47-120
63-2-126	S63DC-44-123
63-2-130	S63DC-47-130 CM2
63-2-132	S63DC-47-130
63-2-137	S63DC-47-130 CM2
63-2-140	S63DC-47-140
63-2-150	S63DC-47-150
63-2-156	S63DC-47-150
63-4-96	S63MB-11-108
63-4-104	S63MB-11-108
63-4-120	S63MB-9-120
63-4-126	S63MB-9-120
63-4-140	S63MB-8-140
63-4-150	S63MB-8-150
63-4-160	S63MB-8-160
63-5-107	S63DC-47-107 CM38
63-5-125	S63DC-47-126 CM38
63-8-80	S63DC-47-77 CM11
63-8-82	S63DC-47-82 CM11
63-8-86	S63DC-47-86 CM11
63-8-104	S63DC-47-104 CM11
63-8-111	S63DC-44-111 CM11
63-8-123	S63DC-44-123 CM11
63-8-130	S63DC-47-126 CM11
63-8-140	S63DC-47-140 CM11
63-10-120	S63DC-45-120
63-10-127	S63DC-45-126
63-21-108	S63DC-47-107 CM36
63-21-120	S63DC-47-120 CM36
63-22-108	S63DC-47-107 CM36
63-22-120	S63DC-47-120 CM36
63-23-98	S63DC-47-104 CM36
63-27-121	S63DC-45-120
63-27-125	S63DC-45-126
63-27-139	S63DC-45-138
63-27-160	S63DC-45-162
63-44-108	S63DC-47-107 CM2
63-44-120	S63DC-47-120 CM2
63-44-126	S63DC-44-123
63-44-130	S63DC-47-130 CM2
63-44-140	S63DC-47-140 CM2
63-53-130	S63DC-47-130 CM2
63-54-120	S63DC-47-120 CM2
63-54-78S	S63DC-47-77 CM2
63-83-108	S63DC-60-106
63-83-126	S63DC-60-125
63-105-97	S63DC-47-92 CM17
63-105-110	S63DC-47-107 CM17
63-105-126	S63DC-44-123 CM63
63-105-142	S63DC-47-140 CM17
63-105-144	S63DC-47-140 CM17
63-129-80	S63DC-60-79.12
63-129-92	S63DC-60-92
63-129-107	S63DC-60-106
63-129-126	S63DC-60-125
63-130-80	S63DC-54-79.31
63-130-80S	S63DC-54-79.31
63-130-92	S63DC-61-92
63-153-130	S63DC-45-126
63-153-140	S63DC-45-138
63-157-80	S63DC-47-77 CM22
63-171-121	S63DC-45-120
63-171-125	S63DC-45-126

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Custom Hoist

63-171-139	S63DC-45-138
63-172-108	S63DC-60-106
63-172-126	S63DC-60-125
63-179-88	S63DC-47-86 CM43
63-179-104	S63DC-47-104 CM38
63-180-88	S63DC-47-86 CM2
63-180-104	S63DC-47-104
63-180-108	S63DC-47-107
63-180-111S	S63DC-44-111
63-180-126	S63DC-44-123
63-180-130	S63DC-47-130
63-180-137	S63DC-47-130
63-182-104	S63MB-11-108
63-182-126	S63MB-9-120
63-182-140	S63MB-8-140
63-182-160	S63MB-8-160
63-183-107	S63DC-47-107 CM38
63-183-125	S63DC-47-126 CM38
63-184-111	S63DC-44-111 CM11
63-184-123	S63DC-44-123 CM11
63-184-140	S63DC-47-140 CM11
63-185-98	S63DC-47-104 CM36
63-186-121	S63DC-45-120
63-186-125	S63DC-45-126
63-186-139	S63DC-45-138
63-186-160	S63DC-45-162
63-189-126	S63DC-44-123
63-189-130	S63DC-47-130 CM2
63-189-140	S63DC-47-140 CM2
63-191-130	S63DC-47-130 CM2
63-202-121	S63DC-45-120
63-202-125	S63DC-45-126
63-202-139	S63DC-45-138
63-402-108	S63DC-47-107
63-402-120	S63DC-47-120
63-402-132	S63DC-47-130 CM2
63-553-130	S63DC-45-126
63-553-140	S63DC-45-138
63-579-104	S63DC-47-104 CM43
63-580-126	S63DC-44-123
63-582-140	S63MB-8-140
63-702-104	S63DC-47-104
63-702-108	S63DC-47-107
63-702-120	S63DC-47-120
63-702-126	S63DC-47-126
63-702-132	S63DC-47-130
63-702-140	S63DC-47-140
63-702-84	S63DC-47-86
63-882-140	S63MB-8-140
63-886-121	S63DC-45-120
63-886-125	S63DC-45-126
63-886-139	S63DC-45-138
64-5-156	S64DC-9-156
64-8-156	S64DC-9-156
64-35-135	S64DB-6-135
64-35-156	S64DB-6-156
64-40-156	S64DC-9-156
64-435-135	S64DB-6-135
64-435-156	S64DB-6-156
64-440-156	S64DC-9-156
64-463-156	S64MB-5-156
64-735-135	S64DB-6-135
64-735-156	S64DB-6-156
64-767-156	S64DC-9-156
73-1-110	S73DC-40-110 CM23
73-1-127	S73DC-40-124 CM23
73-1-142	S73DC-40-140 CM23
73-2-120	S73DC-40-120
73-2-150	S73DC-40-150
73-3-110	S73DC-40-110
73-3-115	S73DC-40-110
73-3-120	S73DC-40-120
73-3-130	S73DC-41-129
73-3-140	S73DC-40-140
73-3-150	S73DC-40-150
73-9-110	S73DC-40-110 CM11
73-9-125	S73DC-40-124 CM11
73-9-129	S73DC-40-124 CM11

Custom Hoist

73-9-130	S73DC-41-129 CM11
73-15-115	S73DC-40-110
73-15-130	S73DC-41-129
73-15-135	S73DC-41-129
73-21-120	S73DC-40-120 CM4
73-22-120	S73DC-40-120 CM4
73-25-110	S73DC-40-110 CM4
73-25-120	S73DC-40-120 CM4
73-25-126	S73DC-40-124 CM4
73-26-120	S73DC-40-120
73-26-140	S73DC-40-140
73-26-150	S73DC-40-150
73-28-120	S73DC-40-120
73-28-130	S73DC-41-129
73-28-132	S73DC-41-129
73-28-140	S73DC-40-140
73-28-150	S73DC-40-150
73-29-108S	S73DC-40-110
73-29-110S	S73DC-40-110
73-29-120	S73DC-40-120
73-29-120S	S73DC-40-124
73-29-124	S73DC-40-124
73-29-124S	S73DC-41-129 CM2
73-29-130	S73DC-41-129
73-29-142	S73DC-40-140
73-35-110	S73DC-40-110
73-50-130	S73DC-41-129
73-55-110	S73DC-40-110
73-55-120	S73DC-40-120
73-55-126	S73DC-40-124
73-57-104	S73DC-60-103
73-57-125	S73DC-60-125
73-57-141	S73DC-60-142
73-57-145	S73DC-60-142
73-78-104	S73DC-60-103
73-78-125	S73DC-60-125
73-78-142	S73DC-60-142
73-81-114	S73DC-40-110 CM26
73-81-129	S73DC-40-124 CM26
73-94-140	S73DC-40-140
73-116-140	S73DC-40-140
73-122-150	S73DC-40-150
73-157-141	S73DC-60-142
73-100-110	S73DC-40-110
73-101-130	S73DC-41-129
73-102-150	S73DC-40-150
73-104-124	S73DC-40-124
73-104-130	S73DC-41-129
73-105-140	S74DC-40A-140
73-108-130	S73DC-41-129
73-109-120	S73DC-40-120
73-429-120	S73DC-40-120
73-457-104	S73DC-60-103
73-457-125	S73DC-60-125
73-457-141	S73DC-60-142
73-457-145	S73DC-60-142
73-500-110	S73DC-40-110
73-504-130	S73DC-41-129
74-1-118	S74DC-40A-120
74-1-120	S74DC-40A-120
74-1-124S	S74DC-40-135
74-1-126	S74DC-40A-120
74-1-135	S74DC-40-135
74-1-137	S74DC-40-135
74-1-138	S74DC-40-135
74-1-140	S74DC-40A-140
74-1-140S	S74DC-40A-140
74-1-144	S74DC-40A-140
74-1-146	S74DC-40A-140
74-1-156	S74DC-40-156
74-1-160	S74DC-40-156
74-1-161	S74DC-40-161
74-1-163	S74DC-40-161
74-1-167	S74DC-40-161
74-1-174	S84DC-40-170
74-1-176	S84DC-40-170
74-1-180	S74DC-40-180
74-3-135	S74DC-40-135 CM9

Custom Hoist

74-3-156	S74DC-40-156 CM9
74-3-182	S74DC-40-180
74-7-120	S74DC-40A-120 CM38
74-7-135	S74DC-41-135
74-7-144	S74DC-40A-140 CM38
74-7-164	S74DC-40-161 CM38
74-7-166	S74DC-40-161 CM38
74-10-123	S74DC-40A-120 CM11
74-10-135	S74DC-40-135 CM11
74-10-142	S74DC-40A-140 CM11
74-10-156	S74DC-40-156 CM11
74-12-120	S74DC-40A-120
74-12-137	S74DC-40A-140
74-12-144	S74DC-40A-140
74-12-156	S74DC-40-156
74-12-161	S74DC-40-161
74-12-167	S74DC-40-161
74-15-135	S74DC-40-135
74-15-140	S74DC-40A-140
74-15-156	S74DC-40-156
74-15-161	S74DC-40-161
74-16-135	S74DC-40-135 CM4
74-21-140	S74DC-40A-140 CM2
74-21-156	S74DC-40-156 CM4
74-22-140	S74DC-40-135 CM4
74-22-156	S74DC-40-156 CM4
74-27-135	S74DC-40-135 CM4
74-27-156	S74DC-40-156 CM4
74-28-120	S74DC-40A-120
74-28-137	S74DC-40-135
74-28-161	S74DC-40-161
74-28-174	S84DC-40-170
74-31-135	S74DC-40-135 CM4
74-31-167	S74DC-40-161 CM4
74-34-120	S74DC-40A-120 CM4
74-34-137	S74DC-40-135 CM2
74-34-144	S74DC-40A-140 CM4
74-34-156	S74DC-40-156 CM4
74-34-167	S74DC-40-161 CM4
74-36-167	S74MB-5-167
74-37-135	S74DC-40-135
74-37-140	S74DC-40A-140
74-37-160	S74DC-40-156
74-46-150	S74MB-3-154
74-46-154	S74MB-3-154
74-46-170	S74MB-3-172
74-63-140	S74DC-60-139.75
74-63-165	S74DC-60-165.75
74-65-154	S74MB-3-154
74-65-170	S74MB-3-172
74-69-140	S74DC-60-139.75
74-71-154	S74MB-3-154
74-80-140	S74DC-60-139.75
74-80-166	S74DC-60-165.75
74-98-120	S74DC-40A-120
74-98-140	S74DC-40A-140
74-98-167	S74DC-40-161
74-99-135	S74DC-41-135
74-99-166	S74DC-40-161 CM38
74-100-135	S74DC-40-135 CM11
74-100-142	S74DC-40A-140 CM11
74-101-161	S74DC-40-161
74-101-167	S74DC-40-167
74-102-120	S74DC-40A-120
74-102-137	S74DC-40-135
74-103-120	S74DC-40A-120 CM4
74-103-137	S74DC-40-135 CM2
74-103-167	S74DC-40-161 CM4
74-104-167	S74MB-5-167
74-107-150	S74MB-3-154
74-107-172	S74MB-3-172
74-401-135	S74DC-40-135
74-401-140	S74DC-40A-140
74-401-156	S74DC-40-156
74-401-161	S74DC-40-161
74-401-180	S74DC-40-180
74-498-120	S74DC-40A-120
74-498-140	S74DC-40A-140

Crossover and Application Data is for Reference Purpose Only. No Other Conditions are Expressed or Implied.

Note: It is the Users Responsibility to Verify if the Replacement Cylinder is Interchangeable.

Note: In some applications, modifications may be required for proper cylinder installation.

Note: Bold / Highlighted Items are Standard Warehouse Cylinders.

Custom Hoist

74-498-167	S74DC-40-161
74-499-135	S74DC-41-135
74-504-167	S74MB-5-167
74-701-135	S74DC-40-135
74-701-140	S74DC-40A-140
74-701-156	S74DC-40-156
74-701-161	S74DC-40-161
74-701-180	S74DC-40-180
83-4-135	S83DC-26-134
83-4-140	S83DC-40-139
83-4-150	S83DC-51-150
83-4-170	S84DC-40-180
84-1-156	S84DC-31-156 CM11
84-2-140	S84DC-40-140
84-2-150	S84DC-40-148
84-2-156	S84DC-31-156
84-2-160	S84DC-31-156
84-2-165	S84DC-40-161
84-2-170	S84DC-40-170
84-2-174	S84DC-40-170
84-2-181	S84DC-40-180
84-2-188	S84DC-40-188
84-2-190	S84DC-40-188
84-4-140	S84DC-40-140
84-4-166	S84DC-40-161
84-4-180	S84DC-40-180
84-7-180	S84DC-40-180 CM21
84-13-135S	S84DC-40-140
84-13-140	S84DC-40-140
84-13-148	S84DC-40-148
84-13-150	S84DC-40-148
84-13-150S	S84DC-31-156
84-13-156	S84DC-31-156
84-13-156S	S84DC-40-161
84-13-160	S84DC-31-156
84-13-161	S84DC-40-161
84-13-166	S84DC-40-161
84-13-170	S84DC-40-170
84-13-180	S84DC-40-180
84-13-183	S84DC-40-180
84-13-190	S84DC-40-188
84-14-188	S84DC-40-188 CM9
84-17-150	S84DC-40-148 CM49
84-17-170	S84DC-40-170 CM49
84-17-180	S84DC-40-180 CM49
84-20-140	S84DC-40-140
84-20-150	S84DC-40-148
84-20-175	S84DC-40-170
84-21-140	S84DC-40-140
84-21-156	S84DC-31-156
84-22-140	S84DC-40-140
84-22-156	S84DC-31-156
84-23-156	S84DC-31-156
84-23-170	S84DC-40-170
84-23-190	S84DC-40-188
84-24-140	S84DC-40-140
84-50-140	S84DC-60-140
84-50-162	S84DC-60-161
84-50-164	S84DC-60-161
84-51-188	S84DC-40-188 CM9
84-65-165	S84DC-40-161
84-66-148	S84DC-40-148
84-66-156	S84DC-31-156
84-66-160	S84DC-31-156
84-66-161	S84DC-40-161
84-66-166	S84DC-40-161
84-66-170	S84DC-40-170
84-66-180	S84DC-40-180
84-66-183	S84DC-40-180
84-68-150	S84DC-40-148 CM49
84-69-156	S84DC-31-156
84-72-188	S84DC-40-188 CM9
84-466-148	S84DC-40-148
84-466-156	S84DC-31-156
84-466-160	S84DC-31-156
84-466-161	S84DC-40-161
84-466-166	S84DC-40-161
84-466-170	S84DC-40-170

Custom Hoist

84-466-180	S84DC-40-180
84-466-183	S84DC-40-180
85-2-160	S85DC-51-160
85-2-166	S85DC-51-160
85-2-170	S85DC-40-170
85-2-190	S85DC-40-190
85-2-195	S85DC-40-197
85-2-200	S85DC-40-197
85-2-200S	S85DC-40-197
85-2-220	S85DC-40A-220
85-2-225	S85DC-40A-220
85-2-235	S85DC-40-235
85-2-250	S85DC-40-250
85-2-260	S85DC-40A-265
85-2-265	S85DC-40A-265
85-2-270	S85DC-40A-265
85-2-280	S85DC-40-280
85-2-285	S85DC-40-285
85-3-203	S85DC-40-197 CM46
85-3-235	S85DC-40-235 CM46
85-3-260	S85DC-40A-265 CM46
85-3-265	S85DC-40A-265 CM46
85-3-280	S85DC-40-280
85-4-190	S85DC-40-190 CM49
85-4-220	S85DC-40A-220 CM49
85-4-260	S85DC-40A-265 CM49
85-4-265	S85DC-40A-265 CM49
85-5-190	S85DC-40-190
85-5-220	S85DC-40A-220
85-5-265	S85DC-40A-265
85-5-285	S85DC-40-285
85-6-162	S85DC-51-160
85-6-190	S85DC-40-190
85-6-220	S85DC-40A-220
85-6-235	S85DC-40-235
85-6-250	S85DC-40-250
85-6-265	S85DC-40A-265
85-9-162	S85DC-51-160
85-9-166	S85DC-51-160
85-11-162	S85DC-51-160
85-11-170	S85DC-40-170
85-11-190	S85DC-40-190
85-11-200	S85DC-40-197
85-11-220	S85DC-40A-220
85-11-235	S85DC-40-235
85-11-250	S85DC-40-250
85-11-265	S85DC-40A-265
85-11-280	S85DC-40-280
85-11-285	S85DC-40-285
85-14-190	S85MC-48-200
85-14-200	S85MC-48-200
85-14-220	S85MC-48-220
85-14-235	S85MC-48-235
85-14-240	S85MC-48-235
85-14-250	S85MC-48-250
85-14-265	S85MC-48-265
85-14-280	S85MC-48-280
85-16-162	S85DC-51-160
85-16-220	S85DC-40A-220
85-16-235	S85DC-40-235
85-16-250	S85DC-40-250
85-20-170	S85DC-40-170
85-20-190	S85DC-40-190
85-20-220	S85DC-40A-220
85-20-235	S85DC-40-235
85-20-250	S85DC-40-250
85-20-265	S85DC-40A-265
85-20-285	S85DC-40-285
85-28-170	S85DC-40-170
85-28-190	S85DC-40-190
85-28-220	S85DC-40A-220
85-28-235	S85DC-40-235
85-28-250	S85DC-40-250
85-28-265	S85DC-40A-265
85-28-289	S85DC-40-285
85-34-162	S85DC-51-160
85-34-170	S85DC-40-170
85-34-190	S85DC-40-190

Custom Hoist

85-34-200	S85DC-40-197
85-34-220	S85DC-40A-220
85-34-235	S85DC-40-235
85-34-250	S85DC-40-250
85-34-265	S85DC-40A-265
85-34-280	S85DC-40-280
85-35-220	S85DC-40A-220 CM54
85-35-235	S85DC-40-235 CM54
85-43-280	S85DC-40-280
85-53-265	S85DC-40A-265
85-54-190	S85MC-48-200
85-54-200	S85MC-48-200
85-54-220	S85MC-48-220
85-54-240	S85MC-48-235
85-54-250	S85MC-48-250
85-63-190T	S85MC-48-200
85-63-200T	S85MC-48-200
85-63-220T	S85MC-48-220
85-63-235T	S85MC-48-235
85-63-240T	S85MC-48-235
85-63-250T	S85MC-48-250
85-63-265T	S85MC-48-265
85-63-280T	S85MC-48-280
85-63-285T	S85MC-48-280
85-66-195	S85DC-40-197
85-66-265	S85DC-40A-265
85-66-270	S85DC-40A-265
85-66-280	S85DC-40-280
85-66-285	S85DC-40-285
85-67-203	S85DC-40-197 CM46
85-67-265	S85DC-40A-265 CM46
85-68-260	S85DC-40A-265 CM49
85-68-265	S85DC-40A-265 CM49
85-69-265	S85DC-40A-265
85-70-265	S85DC-40A-265
85-70-280	S85DC-40-280
85-70-285	S85DC-40-285
85-73-285	S85DC-40-285
85-75-265	S85DC-40A-265
85-77-265	S85DC-40A-265
85-77-280	S85DC-40-280
85-81-200T	S85MC-48-200 CM1
85-81-220T	S85MC-48-220 CM1
85-81-235T	S85MC-48-235 CM1
85-81-250T	S85MC-48-250 CM1
85-81-265T	S85MC-48-265
85-402-170	S85DC-40-170
85-402-190	S85DC-40-190
85-402-197	S85DC-40-197
85-402-200	S85DC-40-197
85-402-220	S85DC-40A-220
85-402-235	S85DC-40-235
85-402-250	S85DC-40-250
85-453-265	S85DC-40A-265
85-463-170T	S85MC-48-170
85-463-200T	S85MC-48-200
85-463-220T	S85MC-48-220
85-463-235T	S85MC-48-235
85-463-250T	S85MC-48-250
85-463-265T	S85MC-48-265
85-463-280T	S85MC-48-280
85-463-285T	S85MC-48-280
85-466-265	S85DC-40A-265
85-466-280	S85DC-40-280
85-466-285	S85DC-40-285
8 1/4 4-10-150	S84DC-40-148 CM2
8 1/4 4-10-190	S84DC-40-188 CM2
8 1/4 4-11-150	S84DC-40-148 CM2
8 1/4 4-20-150	S84DC-40-148 CM2
8 1/4 4-4-150	S84DC-40-148 CM2
8 1/4 4-4-190	S84DC-40-188 CM2
8 1/4 5-20-190	S85DC-64-190
8 1/4 5-20-220	S85DC-64-220
8 1/4 5-20-235	S85DC-64-235
8 1/4 5-20-250	S85DC-64-250
8 1/4 5-20-265	S85DC-64-265
8 1/4 5-21-265	S85DC-64-265
8 1/4 5-26-265	S85DC-64-265

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Note: It is the Users Responsibility to Verify if the Replacement Cylinder is Interchangeable.

Note: In some applications, modifications may be required for proper cylinder installation.

Note: Bold / Highlighted Items are Standard Warehouse Cylinders.

Custom Hoist

8 1/4 5-26-270	S85DC-64-265
8 1/4 5-26-285	S85DC-64-285
8 1/4 5-404-220	S85DC-64-220
8 1/4 5-404-235	S85DC-64-235
8 1/4 5-404-250	S85DC-64-250
8 1/4 5-4-190	S85DC-64-190
8 1/4 5-4-220	S85DC-64-220
8 1/4 5-4-235	S85DC-64-235
8 1/4 5-4-250	S85DC-40-250 CM2
8 1/4 5-4-265	S85DC-64-265
8 1/4 5-4-270	S85DC-64-265
8 1/4 5-4-285	S85DC-64-285
93-10-110	S93CC-CP112-110
95-2-235	S95DC-40-235
95-2-250	S95DC-40-250
95-2-260	S95DC-40-265
95-2-300	S95DC-40A-300
95-2-320	S95DC-40A-320
95-3-235	S95DC-40-235 CM9
95-3-250	S95DC-40-250 CM9
95-3-260	S95DC-40-265 CM9
95-4-190	S95DC-40-190
95-4-235	S95DC-40-235
95-4-236	S95DC-40-235
95-4-250	S95DC-40-250
95-4-250S	S95DC-40-250
95-4-285	S95DC-40-280
95-6-235	S95DC-40-235 CM42
95-6-250	S95DC-40-250 CM42
95-6-270	S95DC-40-265 CM42
95-11-190	S95DC-40-190
95-11-190S	S95DC-40-190
95-11-200	S95DC-40-190
95-11-235	S95DC-40-235
95-11-250	S95DC-40-250
95-11-260	S95DC-40-265
95-11-260S	S95DC-40-265
95-11-264S	S95DC-40-265
95-11-265	S95DC-40-265
95-11-265S	S95DC-40-265
95-11-270	S95DC-40-265
95-11-280	S95DC-40-280
95-11-285	S95DC-40-280
95-11-300	S95DC-40A-300
95-11-320	S95DC-40A-320
95-13-265	S95DC-40-265
95-20-235	S95DC-40-235
95-20-250	S95DC-40-250 CM42
95-22-190	S95DC-40-190
95-22-220	S95DC-40-220
95-22-235	S95DC-40-235
95-22-250	S95DC-40-250
95-22-285	S95DC-40-280
95-38-250	S95DC-40-250
95-38-265	S95DC-40-265
95-53-235	S95DC-40-235
95-53-250	S95DC-40-250
95-53-260	S95DC-40-265
95-53-300	S95DC-40A-300
95-53-320	S95DC-40A-320
95-54-260	S95DC-40-265 CM9
95-55-250	S95DC-40-250
95-55-285	S95DC-40-280
95-57-270	S95DC-40-265 CM42
95-61-250	S95DC-40-250
95-61-260	S95DC-40-265
95-61-260S	S95DC-40-265
95-61-265	S95DC-40-265
95-61-270	S95DC-40-265
95-61-280	S95DC-40-280
95-61-285	S95DC-40-280
95-61-300	S95DC-40A-300
95-61-320	S95DC-40A-320
95-63-265	S95DC-40-265
95-411-235	S95DC-40-235
95-461-250	S95DC-40-250
95-461-265	S95DC-40-265
95-461-280	S95DC-40-280

Custom Hoist

95-461-300	S95DC-40A-300
95-461-320	S95DC-40A-320
96-11-285	S96DC-1-285
96-19-285	S96DC-1-285
96-20-285	S96DC-1-285
96-21-285	S96DC-1-285
9 3/4 5-4-190	S95DC-40-190
9 3/4 5-4-235	S95DC-40-235
9 3/4 5-4-250	S95DC-40-250
9 3/4 5-4-260	S95DC-40-265
9 3/4 5-4-265	S95DC-40-265
9 3/4 5-4-280	S95DC-40-280
9 3/4 5-4-300	S95DC-40A-300
9 3/4 5-11-190	S95DC-40-190 CM4
9 3/4 5-11-235	S95DC-40-235 CM4
9 3/4 5-11-250	S95DC-40-250 CM4
9 3/4 5-11-265	S95DC-40-265 CM4
9 3/4 5-11-300	S95DC-40A-300
9 3/4 5-411-190	S95DC-40-190 CM4
9 3/4 5-411-235	S95DC-40-235 CM4
9 3/4 5-411-250	S95DC-40-250 CM4
9 3/4 5-411-265	S95DC-40-265 CM4
9 3/4 5-411-300	S95DC-40A-300
DA2 1/2-16-66	D25LD-3-66
DA2 1/2-16-90	D25LD-2-90
DA2 1/2-38-94	D25LD-3-94
DA3-57-21	D30DD-7-21.12
DA3-72-25.5	C4438
DA3-81-25	D30CL-2-25.25
DA3 1/2-24-22	D35CC-17-21.62
DA3 1/2-65-16.5	D35LD-2-16.5
DA3 1/2-95-80	D35BB-1-80
DA4-13-24	D40CE-3-24
DA4-61-24	D40CD-10-24
DA4-87-24	D40CD-9-24
DA4-125-21	D40DD-10-21.62
DA4-126-28	D40DB-3-28.5
DA4-127-30	D40DL-2-30.38
DA4-142-21	C3847
DA4-153-24	D40CE-3-24
DA4-158-24	D40CE-3-24
DA4-162-15	D40CD-11-15
DA4-170-25	D40CD-14-25
DA4 1/2-21-26	C3850
DA4 1/2-22-27	D45CC-11-26.94
DA4 1/2-52-41	D45CC-14-41.50
DA4 1/2-87-41	D45CC-14-41.50
DA4 1/2-63-49	D45CD-3-49.12
DA5-47-27	D50CB-8-27
DA5-48-47	D3812
DA5-52-36	D50CC-23-36
DA5-53-20	D50CC-22-20
DA5-55-20	D50CC-22-20
DA5-69-43	D50CE-2-43.75
DA5-144-36	C3872
DA5-156-47	D3812
DA5-162-45	D50DC-3-45
DA5 1/2-24-24	C3878
DA5 1/2-33-54	C3563
DA5 1/2-35-63	D55DB-2-63
DA5 1/2-50-24	C3878
DA5 1/2-51-63	D55CC-6-63
DA6-5-58	D60DB-14-58
DA6-6-78	D60CC-26-78
DA6-14-76	D3838
DA6-36-76	D3838
DA6-39-78	D60CC-26-78
DA6-40-108	D60DB-12-108
DA6-68-79	D60DD-14-79
DA6-73-34	C3814
DA6-81-30	D60DC-11-30.50
DA6-96-72	D60DB-7-72
DA6-100-63	D60DB-20-63
DA6-140-79	D60DD-14-79
DA6-156-34	D60CF-3-32.38
DA6-157-30	D60DC-11-30.50
DA6-158-42	D60DC-7-42.62
DA6-171-69	D60DD-4-69

Custom Hoist

DA6-205-30	D60DC-10-30.50
DA6-210-78	D60CC-26-78
DA6-215-108	D60DB-12-108
DA6-236-72	D60DB-7-72
DA6-258-58	D60DB-14-58
DA6-283-67	D60DB-16-67.5
DA6-288-42	D60DC-7-42.62
DA6-302-78	D60CC-26-78
DA6-365-72	D60DB-7-72
DA6-403-63	D60DB-20-63
DA6-406-30	D60DC-10-30.50
DA6 1/2-33-80	D62LB-5-80
DA7-5-108	D70CC-8-108
DA7-5-131	D70CC-8-131
DA7-36-115	D70DB-2-115
DA7-43-79	D70DD-6-79
DA7-78-79	D70DD-6-79
DA7-82-78	D70DD-6-79
DA7-107-80	D70LN-2-80
DA7-107-90	D70LN-2-90
DA7-121-78	D70CC-7-78
DA7-140-115	D70DB-2-115
DA7-144-80	D70LN-2-80
DA7-144-90	D70LN-2-90
DA7-182-108	D70CC-8-108
DA7-182-131	D70CC-8-131
DA7-196-115	D70DB-2-115
DA7-202-115	D70DB-2-115
DA7-241-80	D70LN-2-80
DA7-241-90	D70LN-2-90
DA7-250-152	DA7-250-152
DA7-255-80	D70LN-2-80
DA7-269-79	D70DD-7-79
DA7 1/4-1-80	D72LB-9-80
DA7 1/4-5-80	D72LB-9-80
DAT42-19-112	SD42CC-19-111
DAT42-24-112	SD42CC-19-111
DAT42-35-192	SD42CB-5-192
DAT42-44-192	SD42CB-5-192
DAT42-58-112	SD42CC-19-111
DAT43-4-106	SD53CC-25-106
DAT52-9-119	SD52DC-12-119
DAT52-9-140	SD52DC-12-140
DAT52-10-79	SD52CB-7-79
DAT52-24-112	SD52CC-24-111
DAT52-28-69	SD52CC-25-68.5
DAT52-28-82	SD52CC-25-82.5
DAT52-28-92	SD52CC-25-92.5
DAT52-28-97	SD52CC-25-96.5
DAT52-29-92	SD52CC-25-92.5
DAT52-32-119	SD52DC-12-119
DAT52-48-140	SD52DC-12-140
DAT52-57-79	SD52CB-7-79
DAT52-58-119	SD52DC-12-119
DAT52-61-112	SD52CC-24-111
DAT53-8-110	SD53CC-16-111
DAT53-53-117	SD53CC-30-117.25
DAT53-53-129	SD53CC-30-129
DAT53-105-110	SD53CC-16-111
DAT53-117-182	SD53CD-2-182
DAT53-125-182	SD53CC-38-182
DAT53-130-110	SD53CC-16-111
DAT53-162-182	SD53CC-38-182
DAT54-3-150	SD64CC-7-152
DAT54-4-118	SD64CC-7-118
DAT54-4-136	SD64CC-7-132
DAT54-5-135	SD64CC-7-132
DAT54-8-118	SD64CC-7-118
DAT54-8-136	SD64CC-7-132
DAT62-1-79	SD62CB-12-79
DAT62-1-94	SD62CB-12-94
DAT62-1-114	SD62CB-12-114
DAT62-2-79	SD62CB-12-79
DAT62-2-94	SD62CB-12-94
DAT62-2-114	SD62CB-12-114
DAT62-7-77	SD62DB-4-77
DAT62-16-82	SD62CC-20-82
DAT62-19-114	SD62CB-12-114

Crossover and Application Data is for Reference Purpose Only. No Other Conditions are Expressed or Implied.

Note: It is the Users Responsibility to Verify if the Replacement Cylinder is Interchangeable.

Note: In some applications, modifications may be required for proper cylinder installation.

Note: Bold / Highlighted Items are Standard Warehouse Cylinders.

Custom Hoist

DAT62-19-79	SD62CB-12-79
DAT62-23-92	SD62CC-22-92
DAT62-24-92	SD62CC-23-92
DAT62-27-78	SD62DB-2-78
DAT62-31-114	SD62CB-12-114
DAT62-31-79	SD62CB-12-79
DAT62-32-92	SD62CC-23-92
DAT62-34-92	SD62CC-23-92
DAT62-39-83	SD62CC-24-82.5
DAT62-39-97	SD62CC-24-96.5
DAT62-42-97	SD62CC-24-96.5
DAT62-45-97	SD62CC-24-96.5
DAT62-54-78	SD62DB-2-78
DAT62-55-114	SD62CB-12-114
DAT62-55-79	SD62CB-12-79
DAT62-55-94	SD62CB-12-94
DAT62-58-82	SD62CC-20-82
DAT62-59-77	SD62CC-24-96.5
DAT62-60-79	SD62CB-12-79
DAT63-2-118	SD63CB-11-118
DAT63-7-118	SD63CB-11-118
DAT63-9-73	SD63CC-11-73
DAT63-9-97	SD63CC-11-96
DAT63-14-120	SD63DB-14-120
DAT63-27-108	SD63DB-6-108
DAT63-27-132	SD63DB-7-132
DAT63-27-93	SD63DB-6-93
DAT63-28-73	SD63CC-11-73
DAT63-28-97	SD63CC-11-96
DAT63-30-120	SD63DB-10-120
DAT63-35-120	SD63DB-10-120
DAT63-37-120	SD63DB-14-120
DAT63-38-118	SD63CB-11-118
DAT63-44-110	SD63CC-16-110
DAT63-49-124	SD63CC-28-124
DAT63-51-118	SD63CB-11-118
DAT63-55-124	SD63CC-28-124
DAT63-63-120	SD63DB-14-120
DAT63-67-118	SD63DB-11-118
DAT63-79-93	SD63DB-6-93
DAT63-84-152	SD63DB-11-152
DAT63-86-124	SD63CC-28-124
DAT63-92-124	SD63CC-28-124
DAT63-95-133	SD63CB-12-132
DAT63-95-167	SD63CB-12-167
DAT63-111-129	SD63CC-27-129
DAT63-118-176	SD63CD-1-177
DAT63-120-118	SD63CB-11-118
DAT63-121-129	SD63CC-27-129
DAT63-122-129	SD63CC-27-129
DAT63-128-120	SD63DB-10-120
DAT63-139-124	SD63CC-28-124
DAT63-145-118	SD63CB-11-118
DAT63-146-120	SD63DB-14-120
DAT63-147-73	SD63CC-11-73
DAT63-147-97	SD63CC-11-96
DAT63-148-176	SD63CD-1-177
DAT63-151-152	SD63DB-11-152
DAT63-155-118	SD63CB-11-118
DAT63-157-118	SD63CB-11-118
DAT63-167-118	SD63CB-11-118
DAT63-173-120	SD63DB-10-120
DAT63-176-120	SD63DB-10-120
DAT63-182-108	SD63DB-6-108
DAT63-182-132	SD63DB-7-132
DAT63-182-93	SD63DB-6-93
DAT63-209-118	SD63CB-11-118
DAT63-225-140	SD63MB-12-140
DAT64-15-107	SD64CC-5-107
DAT64-15-123	SD64CC-3-126
DAT64-15-126	SD64CC-3-126
DAT64-15-147	SD64CC-3-147
DAT64-31-136	SD64CC-7-132
DAT64-35-150	SD64CC-7-152
DAT64-53-118	SD64CC-7-118
DAT64-54-107	SD64CC-5-107
DAT64-54-126	SD64CC-3-126
DAT64-54-147	SD64CC-3-147

Custom Hoist

DAT72-8-77	SD72DB-2-76
DAT72-18-156	SD72AC-1-156
DAT72-22-156	SD72AC-1-156
DAT72-27-77	SD72DB-2-76
DAT72-29-156	SD72AC-1-156
DAT72-30-156	SD72AC-1-156
DAT73-6-115	SD73DB-8-115
DAT73-11-156	SD73GF-2-156
DAT73-12-120	SD73DB-5-120
DAT73-20-120	SD73CC-25-120
DAT73-36-115	SD73DB-8-115
DAT73-54-120	SD73DB-5-120
DAT73-64-115	SD73DB-8-115
DAT73-68-120	SD73DB-5-120
DAT73-77-120	SD73DB-5-120
DAT73-78-120	SD73CC-25-120
DAT74-6-131	SD74CC-11-131
DAT74-8-176	SD74DB-9-176
DAT74-8-200	SD74DB-9-200
DAT74-9-161	SD74DB-4-171
DAT74-11-144	SD74DB-6-144
DAT74-15-144	SD74DB-6-144
DAT74-19-176	SD74DB-9-176
DAT74-19-200	SD74DB-9-200
DAT74-21-171	SD74DB-4-171
DAT74-22-144	SD74DB-6-144
DAT74-28-163	SD74CC-13-162.88
DAT74-35-197	SD74DB-7-197
DAT74-35-198	SD74DB-7-197
DAT74-46-163	SD74CC-13-162.88
DAT74-51-168	SD74CC-15-167.50
DAT74-57-144	SD74DB-6-144
DAT74-66-168	SD74CC-15-167.50
DAT74-70-176	SD74DB-9-176
DAT74-70-200	SD74DB-9-200
DAT74-72-132	SD74CC-11-131
DAT74-73-144	SD74DB-6-144
DAT74-74-198	SD74DB-7-197
DAT74-110-171	SD74DB-4-171
DAT74-111-161	SD74DB-4-171
DAT74-113-144	SD74DB-6-144
DAT83-6-126	SD83CC-27-126
DAT83-24-120	SD83CC-29-120
DAT83-24-165	SD83CC-29-165
DAT83-27-126	SD83CC-27-126
DAT84-11-145	SD84CC-20-144
DAT84-11-178	SD84CC-20-178
DAT84-13-152	SD84MC-21-152
DAT84-13-176	SD84MC-21-176
DAT84-14-152	SD84MC-18-152
DAT84-14-176	SD84MC-18-176
DAT84-16-340	SD84MC-19-340
DAT84-17-135	SD84CC-21-135
DAT84-18-406	SD84MC-20-406
DAT84-19-406	SD84MC-23-406
DAT84-23-135	SD84CC-21-135
DAT84-28-406	SD84MC-20-406
DAT84-29-406	SD84MC-23-406
DAT84-33-135	SD84CC-21-135
DAT84-35-340	SD84MC-19-340
DAT84-38-145	SD84CC-20-144
DAT84-38-178	SD84CC-20-178
DAT84-40-178	SD84CC-20-178
DAT84-43-145	SD84CC-20-144
DAT84-43-178	SD84CC-20-178
DAT84-49-168	SD84DD-2-168
DAT84-50-145	SD84CC-20-144
DAT84-50-178	SD84CC-20-178
DAT84-51-152	SD84MC-18-152
DAT84-51-176	SD84MC-18-176
DAT84-57-145	SD84CC-20-144
DAT84-57-178	SD84CC-20-178
DAT84-58-406	SD84MC-20-406
DAT84-61-178	SD84CC-20-178
DAT84-68-152	SD84MC-21-152
DAT84-68-176	SD84MC-21-176
DAT84-70-406	SD84MC-23-406
DAT84-71-406	SD84MC-20-406

Custom Hoist

DAT84-73-135	SD84CC-21-135
DAT85-9-384	SD85MC-20-384
DAT85-10-156	SD85CC-20-156
DAT85-11-348	SD85CC-19-348
DAT85-13-224S	SD85DB-6-224
DAT85-13-248	SD85DB-6-248
DAT85-13-272	SD85DB-6-272
DAT85-15-384	SD85MC-20-384
DAT85-18-380	SD85DC-2-380
DAT85-19-152	SD85CC-20-156
DAT85-20-236	SD85CC-24-236
DAT85-25-348	SD85CC-19-348
DAT85-25-378	SD85CC-19-378
DAT85-26-220	SD85MC-16-220
DAT85-27-220	SD85MC-15-220
DAT85-29-384	SD85MC-20-384
DAT85-30-378	SD85CC-19-378
DAT85-33-220	SD85DB-5-220
DAT85-36-378	SD85CC-19-378
DAT85-37-384	SD85MC-21-384
DAT85-45-384	SD85MC-20-384
DAT85-46-220	SD85MC-16-220
DAT85-47-220	SD85MC-15-220
DAT85-50-348	SD85CC-19-348
DAT85-51-378	SD85CC-19-378
DAT85-53-384	SD85MC-20-384
DAT85-55-378	SD85CC-19-378
DAT85-56-384	SD85MC-21-384
DAT85-58-348	SD85CC-19-348
DAT85-61-380	SD85DC-2-380
DAT85-64-384	SD85MC-20-384
DAT85-65-380	SD85DC-2-380
DAT85-65-440	SD85DC-2-440
DAT85-70-378	SD85CC-19-378
DAT85-71-384	SD85MC-20-384
DAT85-72-378	SD85CC-19-378
DAT85-83-236	SD85CC-24-236
DAT85-84-378	SD85CC-19-378
DAT85-85-378	SD85CC-19-378
DAT85-92-220	SD85DB-5-220
DAT85-93-220	SD85MC-16-220
DAT85-94-220	SD85MC-15-220
DAT85-97-156	SD85CC-20-156
DAT85-98-224S	SD85DB-6-224
DAT85-98-248	SD85DB-6-248
DAT85-98-272	SD85DB-6-272
DAT85-106-125	SD85CC-15-125
DAT85-112-236	SD85CC-24-236
DAT86-21-177	SD86CC-2-177
DAT86-23-169	SD86CC-1-171
DAT86-3-177	SD86CC-2-177
DAT94-7-190	SD94CC-8-190
DAT94-9-176	SD94CC-7-176
DAT94-18-176	SD94CC-7-176
DAT94-21-104	SD84CC-11-104
DAT95-15-303	SD85CC-24-304
DAT95-21-220	SD95MC-5-220
DAT95-22-220	SD95MC-5-220
DAT95-27-220	SD95MC-6-220
DAT95-32-160	SD95CC-3-160
DAT95-33-239	SD95MC-7-239
DAT95-34-220	SD95MC-6-220
DAT95-35-220	SD95MC-5-220
DAT95-36-220	SD95MC-5-220
DAT95-38-174	SD95DD-1-174
DAT95-38-220	SD95DD-1-220
DAT95-41-125	SD85CC-15-125
DAT95-42-303	SD85CC-24-304
DAT95-68-174	SD95DD-1-174
DAT95-68-220	SD95DD-1-220
DAT95-72-239	SD95MC-7-239
DAT96-3-384	SD96MC-8-384
DAT96-3-412	SD96MC-5-412
DAT96-3-416	SD96MC-5-412
DAT96-3-456	SD96MC-5-456
DAT96-4-198	SD96CC-3-199
DAT96-4-199	SD96CC-3-199
DAT96-6-384	SD96MC-8-384

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Note: In some applications, modifications may be required for proper cylinder installation.

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Custom Hoist

DAT96-6-412	SD96MC-5-412
DAT96-6-416	SD96MC-5-412
DAT96-6-456	SD96MC-5-456
DAT96-10-200	SD96CC-3-199
DAT96-15-412	SD96MC-5-412
DAT96-15-456	SD96MC-5-456
DAT96-15-480	SD96MC-5-480
DAT96-16-384	SD96MC-8-384
DAT96-16-412	SD96MC-5-412
DAT96-16-456	SD96MC-5-456
DAT96-16-480	SD96MC-5-480
DAT96-17-200	SD96CC-3-199
DAT96-28-456	SD96MC-5-456
DAT96-28-480	SD96MC-5-480
DAT96-29-456	SD96MC-5-456
DAT96-29-480	SD96MC-5-480
DAT96-37-412	SD96MC-5-412
DAT96-37-456	SD96MC-5-456
DAT96-37-480	SD96MC-5-480
DAT96-38-384	SD96MC-8-384
DAT96-38-412	SD96MC-5-412
DAT96-38-456	SD96MC-5-456
DAT96-38-480	SD96MC-5-480
DAT96-41-412	SD96MC-5-412
DAT96-41-456	SD96MC-5-456
DAT96-41-480	SD96MC-5-480
DAT96-44-170	SD86CC-1-171
DAT96-45-412	SD96MC-5-412
DAT96-45-456	SD96MC-5-456
DAT96-47-412	SD96MC-5-412
DAT96-47-456	SD96MC-5-456
DAT96-47-480	SD96MC-5-480
DAT96-48-384	SD96MC-8-384
DAT96-48-412	SD96MC-5-412
DAT96-48-456	SD96MC-5-456
DAT96-48-480	SD96MC-5-480
DAT96-49-456	SD96MC-5-456
DAT96-50-384	SD96MC-8-384
DAT96-50-412	SD96MC-5-412
DAT96-50-456	SD96MC-5-456
DAT96-50-480	SD96MC-5-480
DAT96-52-384	SD96MC-8-384
DAT96-52-412	SD96MC-5-412
DAT96-52-456	SD96MC-5-456
DAT96-52-480	SD96MC-5-480
DAT96-59-170	SD86CC-1-171
DAT9 3/4 4-2-176	SD94CC-7-176
DAT9 3/4 4H-3-190	SD94CC-8-190
DAT9 3/4 4H-4-176	SD94CC-7-176
DAT9 3/4 4H-5-176	SD94CC-7-176
DAT9 3/4 4H-8-189	SD94CC-8-190
DAT9 3/4 4H-9-176	SD94CC-7-176
DAT9 3/4 4H-10-190	SD94CC-8-190
DAT9 3/4 6-2-200	SD96CC-3-199
DAT9 3/4 6-3-200	SD96CC-3-199
DAT9 3/4 6-6-199	SD96CC-3-199
DAT9 3/4 6-7-199	SD96CC-3-199
DAT9 3/4 6-8-199	SD96CC-3-199
SA2 1/2-16-31	B5347
SA2 1/2-3-31	B5347
SA3-22-28	S31LC-1-28.56
SA3-24-28	S31LC-1-28.56
SA3 1/2-1-37	D35CC-18-36.88
SA3 1/2-16-25	S35CC-2-24.75
SA3 1/2-22-24	S35CC-3-24.38
SA4-10-39	D40CL-2-39.38

Daybrook

90345593	S53DC-11-107
98045556	S73DC-40-120 CM11
98045557	S73DC-40-124 CM11

Dempster

4AA90316	S52DB-6-55
AB12225	D25LL-12-16
AB12265	D25LL-12-16
AB12308	D25LL-12-16
AB13978	D25LL-12-16

Dempster

AB15905	SD96CC-3-199
AB17393	AB17393
AB17404	SD85CC-19-348
AB17564	SD74CC-11-131
AB17924	SD63CC-11-96
AB19461	D3838
AB19473	SD94CC-9-190
AB19553	SD86CC-2-177
AB19600TH	C3814
AB19601TH	D50CB-8-27
AB19602TH	D35CC-18-36.88
AB19774TH	D40CE-3-24
AB19775TH	D3812
AB19868TH	D40CE-3-24
AB19869TH	D40CD-10-24
AB19890TH	D3812
AB26635TH	C3810
AB28805	SD63CD-1-177
AB29253	D25LL-12-16
AB29264	D40DD-17-42
AB29335	S52DC-7-88
AB29337	D40DD-19-22.50
AB29406	D35CD-10-20
BB5914	SD63CC-11-96
BB5918	SD63CC-11-73
BB5919	SD74CC-11-131
BB6087	SD63CC-11-96
BB6089	SD74CC-11-131
BB6199	SD63CC-11-96
BB6200	SD74CC-11-131
BB6201	SD63CC-11-73
BB6888	D35CC-18-36.88
BB6996	D50CB-8-27
BB6997	C3814
BB8000	D3812
BB8004	D40CD-10-24
BB8010	D40CE-3-24
BB8112	C3814
BB8133-1	C3814
BB8134-1	D50CB-8-27
BB8169	D40CD-10-24
BB8185	D3812
BB8206	D60CB-6-56.50
BB8235	D50CB-8-27
BB8281-1	D35CC-18-36.88
BB8374-1	D3812
BB8379-1	D40CE-3-24
BB8748-1	D40CD-10-24
BB9042	SD86CC-2-177
BB9290	D3838
CB3618	SD85CC-19-348
CB4748	S71CC-42-32
CB4753	SD96CC-3-199
CB5968	SD85CC-19-348
CB7015	SD53CC-16-111
CB7478	SD72AC-1-156
CB7599	SD96CC-3-199
CB7661	SD72AC-1-156
CB7770	SD63CC-11-96
CB7771	SD74CC-11-131
CB7772	SD63CC-11-73
CB7781	SD53CC-16-111
CB7877	SD72AC-1-156
CB7947	SD72AC-1-156
CB8217	SD96CC-3-199
CB8245	SD85CC-20-156
CB8321	SD85CC-19-348
DB1746	SD85CC-20-156
DB1747	SD85CC-20-156
DB1748	SD96CC-3-199
DB4752	SD85CC-20-156
DB4753	SD96CC-3-199
DB5801	SD96CC-3-199
DB7694	D3838
DB8042	D50CB-8-27
DB8043	C3810
DB8044	S35CC-4-37
DB8045	SD94CC-9-190

Dempster

DB8142	D35CD-10-20
DB8286	D40DD-16-22.50
DB8439	D40DD-19-22.50
DB8491	D40DD-17-42
DB8809	S52DC-7-88
DB9135	S52DC-7-88
DB9350	SD74CC-11-131
DB9361	SD63CD-1-177
DB9467	D40DD-19-22.50

Dreco

7000A025	SD93DC-1-177
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East Mfg

501-25065-13	S85DC-64-265
501-25110-13	S73DC-40-110
501-25120-13	S73DC-40-120
501-25150-03	S73DC-40-150
501-25150-08	S73DC-40-150
501-25237-03	S74DC-40-135
501-25237-08	S74DC-40-135
501-25237-13	S74DC-40-135
501-25250-13	S73DC-40-150
501-25255-13	S73DC-40-150
501-25261-08	S74DC-40-161
501-25261-13	S74DC-51-161
501-25350-13	S83DC-51-150
501-25437-13	S84DC-40-140
501-25445-13	S84DC-40-148
501-25448-13	S84DC-40-148
501-25460-03	S84DC-31-156
501-25460-08	S84DC-31-156
501-25460-13	S84DC-40-161
501-25480-13	S84DC-40-180
501-25520-03	S85DC-40A-220
501-25520-08	S85DC-40A-220
501-25520-13	S85DC-40A-220
501-25535-03	S85DC-40-235
501-25535-08	S85DC-40-235
501-25535-13	S85DC-40-235
501-25550-03	S85DC-40-250
501-25550-08	S85DC-40-250
501-25550-13	S85DC-40-250
501-25562-13	S85DC-51-160
501-25565-03	S85DC-40A-265
501-25565-08	S85DC-40A-265
501-25565-13	S85DC-40A-265
501-25569-10	S95DC-40-250 CM22
501-25570-13	S85DC-40-170
501-25585-13	S85DC-40-285
501-25590-13	S85DC-40-190
501-25600-08	S95DC-40A-300
501-25600-13	S95DC-40A-300
501-25665-13	S95DC-40-265
501-25680-13	S95DC-40-280
73-150	S73DC-40-150
74-136	S74DC-40-135
85-190	S85DC-40-190
85-220	S85DC-40A-220
85-235	S85DC-40-235
85-250	S85DC-40-250
85-265	S85DC-40A-265
85-285	S85DC-40-285

Edbro

058003223	S53DC-11-104
058003247	S53DC-11-120
058003401	S63DC-47-107
058003440	S63DC-44-111
058003488	S63DC-47-140
058003820	S85DC-40-235
TE11-3-2660	S53DC-11-104
TE11-3-2960	S53DC-11-120
TE14-3-2670	S63DC-47-107
TE14-3-2850	S63DC-44-111
TE14-3-3450	S63DC-47-140
TE18-5-6170	S85DC-40-235

Crossover and Application Data is for Reference Purpose Only. No Other Conditions are Expressed or Implied.

Note: It is the Users Responsibility to Verify if the Replacement Cylinder is Interchangeable.

Note: In some applications, modifications may be required for proper cylinder installation.

Note: Bold / Highlighted Items are Standard Warehouse Cylinders.

Energy

A277	D60DB-7-72
A3525	D70LN-2-80
A3646	D60LN-2-80
A3931	D35BB-1-80
A4260	D70LN-2-108
A5378	D60LN-2-75
A6092	D60DN-2-90
A6311	D50DB-2-54
A6314	D50DB-8-66
A6430	D60DB-7-72
A6488	D50DB-8-66
A8338	D60LN-2-80
A8752	D60LN-2-75

Everlite

9055001	S85DC-54-265
9055008	S85DC-40-250
9055010	S85DC-40A-220
9055025	S74DC-40-161
9055039	S84DC-40-161

Fontaine

5385	S53DB-13-90
53110	S53DC-11-107 CM27
6385	S63DC-47-86 CM17
6397	S63DC-47-92 CM17
63110	S63DC-47-107 CM17
63126	S63DC-44-123 CM63
63142	S63DC-47-140 CM17
73110	S73DC-40-110 CM20
73115	S73DC-40-110 CM20
73126	S73DC-40-124 CM20
73142	S73DC-40-140 CM20
84142	S84DC-40-140 CM20
84152	S84DC-40-148 CM20
84164	S84DC-31-156 CM20
84172	S84DC-40-170 CM20
84188	S84DC-40-180 CM20
85172	S85DC-51-160 CM18
85197	S85DC-40-190 CM53
DCH-31-351	S85DC-40-190 CM53
DCH-31-359	S85DC-51-160 CM18
DCH-31-374	S84DC-31-156 CM20
DCH-31-388	S84DC-40-148 CM20
DCH-31-413	S84DC-40-170 CM20
DCH-31-427	S73DC-40-140 CM20
DCH-31-433	S73DC-40-124 CM20
DCH-31-439	S73DC-40-110 CM20
DCH-31-462	S84DC-40-140 CM20
DCH-31-476	S63DC-47-140 CM17
DCH-31-483	S63DC-44-123 CM63
DCH-31-487	S63DC-47-107 CM17
DCH-31-491	S63DC-47-92 CM17
DCH-31-495	S63DC-47-86 CM17
DCH-31-499	S53DC-11-107 CM27
DCH-31-507	S53DB-13-90
DCH-31-519	S84DC-40-180 CM20
DCH-31-536	S73DC-40-110 CM20

Foster

03481	D70DD-7-79
03998	D70LN-3-80
692101	D60BB-3-4.81

Fruehauf

251147	S84DC-40-170
251147-2	S84DC-40-170
ECA-8950	S85MC-48-220
ECA-8951	S85MC-48-235
ECA-9287	S85MC-48-200
ECB-009287	S85MC-48-200
ECB-2353 X	S85DC-40-235
ECB-2353-1	S85DC-40A-220
ECB-2353-2	S85DC-40-190
ECB-2353-3	S84DC-40-148
ECB-2353-5	S85DC-40-250 CM2
ECB-2353-6	S85DC-40-235 CM2
ECB-2353-7	S85DC-40A-220 CM2

Fruehauf

ECB-2353-8	S85DC-40-190 CM2
ECB-2353-9	S85DC-40-250
ECB-2353-10	S85DC-40-170
ECB-2353-12	S84DC-31-156
ECB-2353-13	S73DC-40-120 CM4
ECB-2353-14	S74DC-40-156 CM4
ECB-2353-15	S63DC-47-120 CM36
ECB-2353-17	S84DC-40-140
ECB-2353-18	S74DC-40A-140 CM4
ECB-2353-19	S84DC-40-148 CM2
ECB-2353-20	S63DC-47-107 CM36
ECB-2353-21	S63DC-47-104 CM36
ECB-2353-22	S84DC-40-140
ECB-2353-23	S95DC-40-250
ECB-2353-24	S95DC-40-265
ECB-2353-25	S85DC-40-250
ECB-2353-26	S85DC-40-235
ECB-2353-27	S85DC-40A-220
ECB-2353-28	S95DC-40-250
ECB-2353-29	S85DC-40A-265
ECB-2353-30	S85DC-40-235 CM2
ECB-2353-31	S85DC-40-250 CM2
ECB-2353-32	S85DC-40A-265 CM2
ECB-2353-33	S95DC-40-265
ECB-2353-35	S96DC-1-285
ECB-2353-37	S85DC-40A-265 CM2
ECB-2353-38	S84DC-40-148
ECB-2353-39	S85DC-40A-265
ECB-2353-41	S63DC-47-120 CM36
ECB-2353-42	S85DC-40-190
ECB-2353-43	S85DC-40-190 CM2
ECB-2353-44	S85DC-40A-220 CM2
ECB-2353-45	S96DC-1-285
ECB-2353-46	S95DC-40-250 CM42
ECB-2353-47	S95DC-40-220
ECB-2353-48	S95DC-40-235
ECB-2353-52	S95DC-40-280
ECB-2353-53	S95DC-40-250 CM42
ECB-2353-54	S85DC-40-190
ECB-2353-55	S85DC-40A-220
ECB-2353-56	S85DC-64-190
ECB-2353-57	S85DC-64-220
ECB-2353-101	S85DC-40A-220
ECB-2353-706	S85DC-40-235
ECBH2353-X	S85DC-40-235
ECBH2353-1	S85DC-40A-220
ECBH2353-2	S85DC-40-190
ECBH2353-3	S84DC-40-140
ECBH2353-5	S85DC-40-250 CM2
ECBH2353-6	S85DC-40-235 CM2
ECBH2353-9	S85DC-40-250
ECBH2353-10	S85DC-40-170
ECBH2353-12	S84DC-40-148
ECBH2353-29	S85DC-40A-265
ECBH2353-54	S85DC-40-190
ECBH2353-55	S85DC-40A-220
ECBH2353-58	S85DC-40-197
ECC-3366-1	S63DC-47-107 CM16
ECC-3366-2	S63DC-47-120 CM16
ECC-3366-3	S63DC-47-130 CM16
ECE-7681-2	S73DC-40-120 CM4
ECE-7681-3	S74DC-40-156 CM4
ECE-7681-4	S63DC-47-120 CM36
ECE-7681-6	S74DC-40A-140 CM4
ECE-7681-7	S63DC-47-107 CM36
ECE-7681-8	S74DC-40A-140 CM4
MCU-007401-140	S74DC-40A-140
MCU-008413-170	S84DC-40-170
MCU-008502-190	S85DC-40-190
MCU-008520-250	S85DC-40-250
MCU-574DC4-16	S74DC-40-161
MHC-030656	S53MB-3-120
MHC-030657	S95DC-40-235 CM42
MHC-030663	S84DC-31-156
MHC-030665	S95DC-40-190 CM42
MHC-030666	S84DC-40-170
MHC-030667	SD63DB-14-120
MHC-030668	S95DC-40-220 CM42

Fruehauf

MHC-030671	S74DC-40-135 CM4
MHC-030673	S63MB-8-140
MHC-030676	S85DC-40A-265
MHC-030680	S74DC-41-135
MHC-030682	S74DC-40A-120 CM4
MHC-030684	S95DC-40-250 CM42
MHC-030685	S63MB-11-108
MHC-030686	S85DC-40-190
MHC-030692	S73DC-40-140 CM4
TWC-1391-X	S85DC-40-235
TWC-1391-1	S85DC-40A-220
TWC-1391-2	S85DC-40-190
TWC-1391-3	S84DC-40-148
TWC-1391-5	S85DC-64-250
TWC-1391-6	S85DC-64-235
TWC-1391-7	S85DC-64-220
TWC-1391-8	S85DC-64-190
TWC-1391-9	S85DC-40-250
TWC-1391-10	S85DC-40-170
TWC-1391-12	S84DC-31-156
TWC-1391-13	S73DC-40-120 CM4
TWC-1391-14	S74DC-40-156 CM4
TWC-1391-15	S63DC-47-120 CM36
TWC-1391-17	S84DC-40-140
TWC-1391-18	S74DC-40A-140 CM2
TWC-1391-19	S84DC-40-148 CM2
TWC-1391-20	S63DC-47-107 CM36
TWC-1391-21	S63DC-47-104 CM36
TWC-1391-22	S84DC-40-140
TWC-1391-23	S95DC-40-250
TWC-1391-24	S95DC-40-235
TWC-1391-25	S95DC-40-190
TWC-1391-27	S85DC-40A-220
TWC-1391-29	S85DC-40A-265
TWC-1391-35	S96DC-1-285
TWC-1391-37	S85DC-64-265
TWC-1391-38	S84DC-40-148
TWC-1391-46	S95DC-40-250 CM42
TWC-1391-47	S95DC-40-220
TWC-1391-48	S95DC-40-235
TWC-1392-X	S85DC-40-235
TWC-1392-2	S85DC-40-190
TWC-1392-3	S84DC-40-148
TWC-1392-9	S85DC-40-250
TWC-1411-1	S84DC-31-156
TWC-1411-2	S73DC-40-120 CM4
TWC-1411-3	S74DC-40-156 CM4
TWC-1411-4	S63DC-47-120 CM36
TWC-1411-5	S84DC-40-140
TWC-1411-6	S74DC-40-135 CM4
TWC-1411-7	S63DC-47-107 CM36

G & H Mfg

020210	D70DD-6-79
50393	D70DD-6-79
7X116GH22778	7X116GH22778
A2610	D50CD-4-30
A2902	A2902
A4456	D45DD-8-16.75
FA1001	D60DD-14-79
FA1002	D70DD-6-79
H1234	D50CD-4-30
H1235	D40DD-22-15
H1238	D45DD-8-16.75
H3121	H3121
H3291	D60DD-14-79
H3292	D70DD-6-79
H3930	H3930
H5176	D70DD-6-79
P1331	D60DD-14-79
PH-020-168	D60DD-14-79
PH-020-201	D70DD-6-79
PH-020-803	D50CD-4-30

Galbreath

1031	D35BB-1-80
1039	D60DB-7-72
1040	D60LN-2-80

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Galbreath

1043	D60DB-7-72
1054	D70LN-2-80
1111	SD63CB-11-118
1119	D40BB-2-80
1124	D70LN-2-108
1126	D60DB-7-72
1163	D70LN-2-108
1656	D35BB-1-60
1944	SD52CB-7-79
2419	SD62CB-12-114
2420	SD62CB-12-79
2452	D70LN-2-75
2455	D70LN-2-90
2460	D70LN-2-80
2461	D70LN-2-108
2463	D70LN-2-90
2464	D35BB-1-80
2476	D60LN-2-80
2477	D60LN-2-75
2494	SD62CB-12-94
3062	D60LN-2-80
3074	D35BB-1-80
3091	D60BB-3-4.81
3106	D60BB-3-4.81
3116	SD62CB-12-114
3130	D70LN-2-108
3131	SD62CB-12-94
3139	SD62CB-12-114
3242	SD62CB-12-94
3412	D60DB-7-72
3421	D50DB-2-54
3429	D35BB-1-60
3467	D50DB-8-66
3511	D50DB-8-66
3520	D50DB-8-66
3653	S31CB-1-32
3759	D50DB-2-54
3760	D50DB-8-66
3890	D35CD-8-32
3891	D40CD-7-29.50
3902	SD62CB-12-114
3903	SD62CB-12-94
3904	SD85DB-6-248
4073	SD85DB-6-272
4163	SD85DB-6-272
4164	SD74DB-9-200
4191	D35BB-1-60
4271	D50DB-2-54
4272	D50DB-8-66
4297	SD74DB-9-176
4298	SD85DB-6-224
4299	SD85DB-6-248
4321	D50DB-8-66
4322	D60DB-7-56
4383	SD74DB-9-200
4516	SD63CB-14-136
4585	SD63CB-14-173
4635	D35BB-1-60
4636	D35BB-1-80
4815	D60LN-2-80
4893	SD74DB-9-176
7392	D60BB-3-4.81
8425	D50DB-12-54
8433	D60LN-2-75
8973	SD62CB-12-79
8976	SD63DB-15-84
9009	D50DB-8-66
9015	D50DB-5-54
9016	D50DB-12-54
9321	D60DN-2-90
9498	SD42CB-5-192
9500	D60BB-3-4.81
9566	D70DC-2-81
9780	D40BB-1-48
9846	D70LN-2-90
9848	SD42CB-5-192
9872	D60BB-3-4.81
9889	D60LN-2-80

Galbreath

9892	D60DN-2-90
9900	D40BB-2-80
9920	D60DB-7-72
9921	D70LN-2-80
9922	D70LN-2-108
9923	D40BB-2-90
9924	D70LN-2-75
9932	D50BB-3-52
9933	D30BB-1-37
A1002	S84DC-40-188
A1011	S84DC-40-170
A1056	SD85CC-19-378
A1206	S85DC-40A-265
A1213	D60DC-9-78
A1245	D60LN-2-75
A1430	S84DC-31-156
A1453	D60DC-9-78
A1456	SD63CB-14-173
A1465	SD63CB-14-173
A1527	D60DB-7-72
A1528	D70DC-2-81
A1529	D70LN-2-80
A1536	S84DC-40-148
A1537	S84DC-40-170
A1538	S85DC-40-190
A1539	S85DC-40A-220
A1540	S85DC-40-235
A1541	S85DC-40-250
A1542	S85DC-40A-265
A1587	S95DC-40A-300
A1594	SD85DC-2-460
A1606	SD63CB-11-118
A1717	D70LN-2-80
A1745	SD63CB-11-118
A1793	D60DB-7-72
A1825	S84DC-40-148
A1826	S84DC-40-170
A1827	S85DC-40-190
A1828	S85DC-40A-220
A1829	S85DC-40-235
A1830	S85DC-40-250
A1831	S85DC-40A-265
A1888	D30BB-1-37
A1889	D40BB-1-48
A1890	D50BB-3-52
A1891	D60BB-3-4.81
A1896	D70LN-2-75
A1897	D70LN-2-80
A1898	D70LN-2-90
A1899	D70LN-2-108
A1905	S95DC-40-235
A1922	D50DB-2-54
A1961	S95DC-40-220
A1968	D70LN-2-80
A1969	D70LN-2-90
A2077	D50BB-3-52
A2078	SD74DB-9-200
A2079	SD74DB-9-176
A2081	S31CB-1-32
A2082	D60DN-2-90
A2083	SD62CB-12-114
A2084	D60LN-2-75
A2152	D50BB-3-52
A2189	D35CD-8-32
A2190	D40CD-7-29.50
A2193	D40BB-2-80
A2194	D40BB-2-90
A2198	D50DB-5-54
A2200	D50DB-12-54
A2201	D50DB-8-66
A2202	SD52CB-7-79
A2203	D60LN-2-80
A2207	D60DB-7-56
A2212	SD62CB-12-79
A2213	SD62CB-12-94
A2214	SD63CB-14-136
A2215	SD63CB-14-173
A2216	SD63DB-15-84

Galbreath

A2226	SD85DB-6-224
A2227	SD85DB-6-248
A2228	SD85DB-6-272
A2349	S85DC-40-285
A2452	D70LN-2-75
A2564	S95DC-40-250
A2650	D50BB-3-45
A2651	D30BB-1-28
A2858	D50DB-12-54
A2870	S85DC-40-285
A2887	D30BB-1-16
A2932	D60LN-2-90
A3081	D30BB-1-37
A3089	D35BB-1-60
A3091	D35BB-1-80
A3101	D40BB-1-48
A3103	D40BB-2-90
A3109	D50BB-3-52
A3111	D50DB-5-54
A3113	D50DB-8-66
A3115	D60BB-3-4.81
A3117	D60LN-2-75
A3119	D60LN-2-80
A3121	D60DN-2-90
A3123	D60DC-9-78
A3137	D60DB-7-72
A3143	D70LN-2-108
A3145	D70LN-2-75
A3147	D70LN-2-80
A3149	D70LN-2-90
A3151	D70DC-2-81
A3161	S31CB-1-32
A3163	SD42CB-5-192
A3165	SD52CB-7-79
A3167	SD62CB-12-114
A3169	SD62CB-12-79
A3171	SD62CB-12-94
A3173	SD63CB-11-118
A3175	SD63CB-14-136
A3177	SD63CB-14-173
A3179	D50BB-3-45
A3181	D40BB-2-80
A3183	D50DB-12-54
A3185	SD85DB-6-248
A3191	SD63DB-15-84
A3279	D50DB-2-54
A3377	SD62CB-12-114
A3379	SD62CB-12-79
A3381	SD62CB-12-94
A3383	SD63CB-11-118
A3385	SD63CB-14-136
A3387	SD63CB-14-173
B1043	D60DB-7-72
B2455	D70LN-2-90
B2460	D70LN-2-80
B2461	D70LN-2-108

Garwood

206-4754-2	S73DC-40-110
206-5357	S62CC-30-69
207-2368	D50CC-22-20
207-2369	D50CC-23-36
207-3611	SD63DB-6-108
207-3613	SD63DB-6-93
207-3614	SD63DB-7-132
207-9064	SD74DB-4-171
207-9197	D50CC-22-20
207-9209	D50CC-23-36
207-9470	D50CC-22-20
207-9490	D50CC-23-36

Georgia Hydraulics

GHC-D-80AC	D3812
GHC-D-80AC3	D3812
GHC-D-80F	D40CD-10-24
GHC-D-80TDC4	D40CE-3-24
GHC-D-80TDCT	D40CE-3-24

Crossover and Application Data is for Reference Purpose Only. No Other Conditions are Expressed or Implied.

Note: It is the Users Responsibility to Verify if the Replacement Cylinder is Interchangeable.

Note: In some applications, modifications may be required for proper cylinder installation.

Note: Bold / Highlighted Items are Standard Warehouse Cylinders.

Godwin

5384-C	S53DC-14-84
5384-H	S53DC-14-84
63123-C	S63DC-44-123
63120-H	S63DC-44-123
73124-C	S73DC-40-124
73120-H	S73DC-40-124
74135-C	S74DC-40-135
74135-H	S74DC-40-135
G4250T	S42MB-6-50
G5390T	S53MB-5-90

Great Bend

11915D	SD96MC-4-288
12743GB	SD95MC-7-239
13804GB	SD85MC-15-220
B3443	SD96MC-4-288

Green Mfg

600-2570	C3878
600-2586	D50CC-23-36
600-2601	D50CC-23-36
600-2602	C3872
600-2728	D50CC-22-20
600-2809	D50CC-22-20
600-2810	D35CC-17-21.62
600-2812	D40CL-2-39.38
600-2813	C3850
600-2814	D45CC-11-26.94
600-2817	D40CD-9-24
600-2818	C3847
600-2830	D50CE-2-43.75
600-2831	D60DC-10-30.50
600-2832	S35CC-2-24.75
600-3193	D30LL-6-36
600-3194	D35LC-1-60
600-3195	D35LC-1-80

Heil

1-1281	SD53CC-25-106
1-1344	SD64CC-7-132
1-1766	S53DC-15-105
1-1972	S53DC-15-99
1-1973	S53DC-15-120
1-1974	S53DC-15-123
1-2043	S63DC-45-120
1-2044	S63DC-45-126
1-2105	D30CL-3-18.44
1-2123	SD64CC-7-152
1-2298	S63DC-45-138
1-2624	S63DC-45-162
1-2634	S63DC-45-162
1-2928	D45CC-11-26.94
1-2931	D35CC-17-21.62
1-3008	B5347
1-3058	S53DC-15-120
1-3139	S53DC-15-123
1-3140	S53DC-15-99
1-3141	S53DC-15-105
1-3177	S63DC-45-120
1-3178	S63DC-45-126
1-3179	S63DC-45-138
1-3180	S63DC-45-162
1-3391	SD64CC-7-118
1-3484	S53DC-15-105
1-3513	D30CL-3-18.44
1-3623	B5347
1-3635	D45CC-11-26.94
1-3672	D35CC-17-21.62
1-3689	SD96CC-3-199
1-3690	D60DB-20-63
1-3692	D25LD-3-66
1-3693	D50CE-2-43.75
1-3695	D25LD-3-94
1-3705	D60DB-20-63
1-3717	D25LD-2-90
1-3727	D30CA-2-3.62
1-3778	D30CL-4-23.25
1-3809	D45CC-11-26.94

Heil

1-3830	SD64CC-7-132
1-3834	SD53CC-25-106
1-3836	SD64CC-7-118
1-3843	SD64CC-7-152
1-3856	D35CC-17-21.62
1-3860	S53DC-15-123
1-3871	SD64CC-7-132
1-3878	S63DC-47-130
1-3887	S53DC-15-99
1-3888	S53DC-15-105
1-3889	S53DC-15-120
1-3890	S53DC-15-123
1-3891	S63DC-45-120
1-3892	S63DC-45-126
1-3893	S63DC-45-138
1-3902	D35CC-17-21.62
1-3921	D45CC-11-26.94
1-3983	S53DC-15-99
1-3984	S53DC-15-105
1-3985	S53DC-15-120
1-3986	S53DC-15-123
1-3998	S63DC-45-120
1-3999	S63DC-45-126
1-4000	S63DC-45-138
1-4001	S63DC-45-162
1-4017	D35CC-17-21.62
1-4018	D45CC-11-26.94
1-4050	SD64CC-7-132
1-4052	SD53CC-25-106
1-4053	SD64CC-7-118
1-4054	SD64CC-7-152
1-4070	B5347
1-4081	C3850
1-4093	D50CC-23-36
1-4094	D50CC-22-20
1-4100	D35CC-17-21.62
1-4101	D45CC-11-26.94
1-4105	D25CC-10-14.12
1-4108	C3847
1-4110	C3850
1-4123	C4438
1-4137	S53DC-15-99
1-4138	S53DC-15-105
1-4139	S53DC-15-120
1-4140	S53DC-15-123
1-4141	S63DC-45-120
1-4142	S63DC-45-126
1-4143	S63DC-45-138
1-4144	S63DC-45-162
1-4261	SD63DB-7-132
1-4266	SD63DB-6-108
1-4267	SD63DB-6-93
1-4270	SD74DB-4-171
1-4275	C3576
1-4276	C3602
1-4277	C3603
1-4283	D30CL-3-18.44
1-4297	C3875
1-4298	C3563
1-4299	C3563
1-4305	C4438
1-4309	D55CB-5-49.88
1-4327	C3603
1-4328	D60DB-20-63
1-4334	C3847
1-4338	C3576
1-4339	D25LD-3-66
1-4340	D50CE-2-43.75
1-4341	D40CD-9-24
1-4343	SD74DB-4-171
1-4347	C3878
1-4348	S35CC-2-24.75
1-4815	S53DC-15-120
1-4821	SD74DB-4-171
1-4824	C3872
1-4828	C3872
1-4864	D40CD-9-21.50
1-4868	D40CD-14-25

Heil

1-4869	D50DC-3-45
1-4870	D30CL-2-25.25
1-4871	D45CC-14-41.50
1-4878	C3563
1-4880	S35CC-3-24.38
1-4881	SD53CD-2-182
1-4882	D55DB-2-63
1-4884	C3872
1-4887	C3878
1-4903	D40CD-8-22
1-4911	SD53CD-2-182
1-4915	D50CC-24-34.19
1-5088	B5162
1-5098	D45CC-15-41.50
1-5110	C3872
1-5111	C3878
1-5146	D55CC-6-63
1-5147	SD53CC-38-182
1-5149	SD53CC-38-151.5
1-5150	D45CC-15-41.50
1-6061	D55CB-6-52.88
1-6067	SD53CC-38-182
1-6069	D40CD-13-37
1-6070	D30CC-13-21.62
1-6076	SD53CC-38-182
1-6078	SD53CC-38-151.5
1-6094	D30CC-16-30.50
1-6096	SD53CD-2-182
1-6099	SD53CD-2-182
1-6142	D30CC-13-21.62
1-6153	D30CA-2-3.62
1-6155	S63DC-45-150
1-6159	B5743
1-6160	B5654
1-6161	B5653
1-6162	B5799
1-6163	B5866
1-6164	B5873
1-6169	B5655
1-6194	B5799
1-6225	SD64DC-4-110.34
1-6230	D55CC-6-63
1-6247	SD53CC-38-182
1-6252	SD53CC-38-151.5
1-6255	SD53CD-2-182
1-6256	SD53CD-2-182
1-6316	SD53CC-38-151.5
1-6317	SD53CC-38-170.12
1-6318	SD53CC-38-182
1-6330	B5655
1-6331	B5655
1-6369	D40CD-8-22
1-6370	D45CC-15-41.50
1-6384	D40CD-14-25
1-6386	D25LD-2-90
1-6388	D45CC-15-41.50
1-6399	B5799
1-6402	B5655
1-6403	B5799
1-6404	B5653
1-6405	B5866
1-6406	B5873
1-6407	B5654
1-6416	B5655
1-6456	D55CC-9-35.88
1-6457	D55CC-7-24
1-6521	B5162
1-6554	B5866
1-6560	D50CC-24-34.19
1-6570	D50LC-2-24.50
1-6581	B5873
1-6582	C3576
1-6610	C3872
1-6611	C3878
1-6669	D40CD-8-22
1-6670	D40CD-14-25

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Note: It is the Users Responsibility to Verify if the Replacement Cylinder is Interchangeable.

Note: In some applications, modifications may be required for proper cylinder installation.

Note: Bold / Highlighted Items are Standard Warehouse Cylinders.

Henderson Mfg

80960 S74DC-40A-140

Hilbilt / Commercial

SA63DB-1-110 **S63DC-47-107** CM26
SA63DB-1-120 **S63DC-47-120** CM26
SA63DB-1-130 **S63DC-47-130** CM26
SA63DB-1-140 **S63DC-47-140** CM26

Huge Haul

01-0207 SD63CB-11-118
4-01-0207 SD63CB-11-118

Hyco

1054A-87654-204 S85DC-40-197 CM9
1109A-87654-235 **S85MC-48-235**
1139A-543-119 S53MB-3-120
1139A-543-120 S53MB-3-120
1139A-543-120T S53MB-3-120
1139A-654-104 S63MB-11-108
1139A-654-108 S63MB-11-108
1139A-654-110 S63MB-11-108
1139A-654-119 S63MB-9-120
1139A-654-140 S63MB-8-140
1139A-6543-140 S64MB-4-140
1139A-7654-150 S74MB-3-154
1139A-7654-154 S74MB-3-154
1168A-87654-190 S85MC-48-200
1168A-87654-220 S85MC-48-220
1174A-87654-190T S85MC-48-200 CM53
1174A-87654-200T S85MC-48-200 CM53
1174A-87654-220T S85MC-48-220 CM53
1221A-654-119 **S63DC-47-120**
1221A-7654-119 S74DC-40A-120
1221A-7654-137 **S74DC-40-135**
1221A-8765-137 S84DC-40-140
1221A-87654-166 S85DC-40-170
1221A-87654-195 **S85DC-40-190**
1221A-87654-220 **S85DC-40A-220**
1296A-975-765-190 S95DC-40-190 CM42
1296A-975-765-220 S95DC-40-220 CM42
1296A-975-765-235 S95DC-40-235 CM42
1296A-975-765-250 S95DC-40-250 CM42
1315A-87654-235 **S85DC-40-235**
1317A-7654-175 **S84DC-40-170**
1317A-8765-150 S84DC-40-148
1317A-8765-175 **S84DC-40-170**
1317A-87654-190 **S85DC-40-190**
1317A-87654-220 **S85DC-40A-220**
1325A-825-765-150 S84DC-40-148 CM2
1325A-825-765-182 **S84DC-40-180**
1325A-825-7654-170 S85DC-40-170 CM2
1325A-825-7654-190 S85DC-64-190
1325A-825-7654-195 **S85DC-40-190** CM2
1325A-825-7654-204 S85DC-40-197 CM2
1325A-825-7654-220 S85DC-64-220
1325A-825-7654-235 S85DC-64-235
1325A-825-7654-250 S85DC-64-250
1325A-825-7654-252 **S85DC-40-250** CM2
1378A-543-63 S53DB-2-63
1395A-8765-148 S84DC-40-148 CM21
1395A-8765-160 S84DC-31-156 CM21
1395A-8765-164 **S84DC-40-161** CM21
1395A-8765-180 **S84DC-40-180** CM21
1395A-8765-182 **S84DC-40-180** CM21
1395A-87654-195 **S85DC-40-190** CM21
1395A-87654-220 **S85DC-40A-220** CM21
1427A-654-104 S63DC-47-104 CM9
1503A-7654-119 S74DC-40A-120 CM26
1503A-7654-135 **S74DC-40-135** CM26
1503A-8765-153 S84DC-40-148 CM19
1542A-87654-250 **S85DC-40-250**
1548A-654-108 **S63DC-47-107** CM16
1548A-654-119 **S63DC-47-120** CM16
1584A-87654-170 S85DC-40-170
1614A-765-156 SD73GF-2-156
1617A-87654-220 **S85DC-40A-220**
1634A-87654-348 SD85CC-19-348
1672A-654-120 **S63DC-47-120**

Hyco

1741A-87654-220 **S85DC-40A-220**
1761A-654-120 SD63DB-14-120
1788A-8765-182 **S84DC-40-180**
1788A-87654-220 **S85DC-40A-220**
1913A-654-108 **S63DC-47-107** CM36
1913A-654-120 **S63DC-47-120** CM36
1913A-765-120 **S73DC-40-120** CM4
1913A-7654-141 S74DC-40A-140 CM4
1913A-7654-156 **S74DC-40-156** CM4
1913A-8765-141 S84DC-40-140
1913A-8765-156 S84DC-31-156
1920A-765-120 **S73DC-40-120** CM38
1920A-765-135 **S73DC-41-129** CM38
1920A-7654-135 S74DC-41-135
1920A-7654-140 S74DC-41-135
1920A-7654-164 **S74DC-40-161** CM38
1936A-765-140 **S73DC-40-140**
1942A-8765-156 S84DC-31-156
1942A-8765-190 S84DC-40-188
1942A-87654-220 **S85DC-40A-220**
1967A-7654-158 **S74DC-40-156** CM45
1967A-8765-138 S84DC-40-140 CM38
1967A-8765-152 S84DC-31-156 CM38
1967A-8765-162 **S84DC-40-161** CM38
1967A-8765-170 **S84DC-40-170** CM38
1967A-8765-187 S84DC-40-188 CM38
1970A-87654-156 SD85CC-20-156
9017-654-96 SD63CC-11-96
9018-654-73 SD63CC-11-73
9019-7654-131 SD74CC-11-131
9049-87654-348 SD85CC-19-348
9066A-825-7654-220 **S85DC-40A-220** CM46
9066A-825-7654-250 **S85DC-40-250** CM46
9066A-87654-202 S85DC-40-197 CM46
9066A-87654-220 **S85DC-40A-220** CM46
9066A-87654-235 **S85DC-40-235** CM46
9066A-87654-250 **S85DC-40-250** CM46
9185-6543-140 S64MB-4-140
9280A-765-156 SD73GF-2-156
9306-543-111 SD53CC-16-111
9313-987654-198 SD96CC-3-199
9329-987654-199 SD96CC-3-199
9331-76-156 SD72AC-1-156
9358-65-114 SD62CB-12-114
9358-65-79 SD62CB-12-79
9358-65-94 SD62CB-12-94
9406-8765-178 SD84CC-20-178
9408-8764-144 SD84CC-20-144
9420-7654-131 SD74CC-11-131
9438-654-96 SD63CC-11-96
9447-9876-176 SD94CC-7-176
9466-936-416 SD96MC-5-412
9466-936-456 SD96MC-5-456
9467-654-120 SD63DB-14-120
9467-654-132 SD63DB-7-132
9496-876543-177 SD86CC-2-177
9530-6543-132 SD64CC-7-132
9530-6543-152 SD64CC-7-152
9534-7654-144 SD74DB-6-144
10000-84-140 S84DC-40-140
10000-84-148 S84DC-40-148
10000-84-156 S84DC-31-156
10000-84-175 **S84DC-40-170**
10000-85-190 **S85DC-40-190**
10000-85-220 **S85DC-40A-220**
10001-85-235 **S85DC-40-235**
10001-85-250 **S85DC-40-250**
10002-73-120 **S73DC-40-120** CM4
10002-74-140 S74DC-40A-140 CM4
10002-74-156 **S74DC-40-156** CM4
10002-74-175 **S84DC-40-170**
10003-63-108 **S63DC-47-107** CM36
10003-63-120 **S63DC-47-120** CM36
10003-63-98 S63DC-47-104 CM36
10004-84-156 S84DC-31-156
10004-84-190 S84DC-40-188
10014-825-190 S85DC-64-190
10014-825-220 **S85DC-40A-220** CM2

Hyco

10015-825-235 S85DC-64-235
10015-825-250 S85DC-64-250
10016-84-180 **S84DC-40-180** CM21
10023-85-200 S85DC-40-197 CM46
10023-85-205 S85DC-40-197 CM46
10023-85-220 **S85DC-40A-220** CM46
10024-53-63 S53DB-2-63
10027-63-102 S63DC-47-104
10027-63-108 **S63DC-47-107**
10027-63-120 **S63DC-47-120**
10027-63-132 **S63DC-47-130**
10027-63-156 S63DC-47-150
10027-63-84 S63DC-47-86
10027-63-90 S63DC-47-86
10027-64-156 **S64DC-9-156**
10029-85-235 **S85DC-40-235**
10029-85-250 **S85DC-40-250**
10038-85-190T S85MC-48-200
10038-85-220T S85MC-48-220
10041-74-118 S74DC-40A-120
10041-74-138 **S74DC-40-135**
10042-85-170 S85DC-40-170
10048-63-140T S63MB-8-140
10050-73-120 **S73DC-40-120** CM38
10050-73-135 **S73DC-41-129** CM38
10050-74-135 S74DC-41-135
10050-74-140 S74DC-41-135
10050-74-164 **S74DC-40-161** CM38
10051-74-154T S74MB-3-154
10051-74-172T S74MB-3-172
10052-53-120T S53MB-3-120
10053-42-90T S42MB-3-90
10054-85-190T S85MC-48-200 CM53
10054-85-200T S85MC-48-200 CM53
10054-85-220T S85MC-48-220 CM53
10060-63-120T S63MB-9-120
10060-63-140T S63MB-8-140
10060-64-140T S64MB-4-140
10076-63-108 **S63DC-47-107** CM16
10076-63-120 **S63DC-47-120** CM16
10097-84-140H S84DC-40-140
10097-84-156H S84DC-31-156
10098-73-120H **S73DC-40-120** CM4
10098-74-140H S74DC-40A-140 CM4
10098-74-156H **S74DC-40-156** CM4
10099-63-108H **S63DC-47-107** CM36
10099-63-120H **S63DC-47-120** CM36
10127-64-140H S74DC-40A-140 CM4
10156-935-190 S95DC-40-190 CM42
10156-935-220 S95DC-40-220 CM42
10156-935-235 S95DC-40-235 CM42
10156-935-250 S95DC-40-250 CM42
20028-96-198 SD96CC-3-199
20032-916-198 SD96CC-3-199
20037-72-156 SD72AC-1-156
20038-53-111 SD53CC-16-111
20043-63-120 SD63DB-14-120
20047-74-131 SD74CC-11-131
20047-74-131R SD74CC-11-131
20051-63-96 SD63CC-11-96
20051-63-96R SD63CC-11-96
20052-86-177 SD86CC-2-177
20054-83-126 SD83CC-27-126
20059-84-144 SD84CC-20-144
20059-84-178 SD84CC-20-178
20062-63-73 SD63CC-11-73
20062-63-96 SD63CC-11-96
20063-934-176 SD94CC-7-176
20070-85-360 SD85DC-2-380
20070-85-380 SD85DC-2-380
20070-85-440 SD85DC-2-440
20074-916-456 SD96MC-5-456
20079-85-348 SD85CC-19-348
20080-73-120 SD73DB-5-120
20085-73-156 SD73GF-2-156
20089-42-112 SD42CC-19-111
20099-64-132 SD64CC-7-132
20099-64-152 SD64CC-7-152

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Note: It is the Users Responsibility to Verify if the Replacement Cylinder is Interchangeable.

Note: In some applications, modifications may be required for proper cylinder installation.

Note: Bold / Highlighted Items are Standard Warehouse Cylinders.

Hyc

20124-63-120	SD63DB-14-120
20125-52-119	SD52DC-12-119
20126-52-140	SD52DC-12-140
20130-916-170	SD86CC-1-171
20134-62-114	SD62CB-12-114
20134-62-79	SD62CB-12-79
20134-62-94	SD62CB-12-94
20137-915-125	SD85CC-15-125
20138-914-104	SD84CC-11-104
20147-814-135	SD84CC-21-135
20155-64-134	SD64CC-7-132
20157-53-104	SD53CC-25-106
20158-64-118	SD64CC-7-118
20170-85-378	SD85CC-19-378
20171-62-82	SD62CC-20-82
20173-94-190	SD94CC-8-190
20179-85-348	SD85CC-19-348
20184-63-120	SD63DB-14-120
20189-63-132	SD63DB-7-132
20190-74-160	SD74DB-4-171
20190-74-171	SD74DB-4-171
20191-63-108	SD63DB-6-108
20192-63-93	SD63DB-6-93
20195-85-156	SD85CC-20-156
20212-63-110	SD63CC-16-110
20212-63-92	SD63CC-16-92
20214-74-144	SD74DB-6-144
20223-64-132	SD64CC-7-132
20223-64-152	SD64CC-7-152
20231-85-224	SD85DB-6-224
20231-85-248	SD85DB-6-248
20231-85-272	SD85DB-6-272
20234-63-118	SD63CB-11-118
20234-63-136	SD63CB-14-136
20234-63-173	SD63CB-14-173
20235-52-111	SD52CC-24-111
20237-62-114	SD62CB-12-114
20237-62-79	SD62CB-12-79
20237-62-94	SD62CB-12-94
20254-916-412	SD96MC-5-412
20254-916-456	SD96MC-5-456
20254-916-480	SD96MC-5-480
20258-915-160	SD95CC-3-160
20283-74-135	SD74CC-12-135
20283-74-164	SD74CC-12-164
20298-63-173	SD63CB-14-173
20314-85-156	SD85CC-20-156
20318-63-118	SD63CB-11-118
20335-63-124	SD63CC-28-124
20348-62-114	SD62CB-12-114
20348-62-79	SD62CB-12-79
20348-62-94	SD62CB-12-94
20414-63-110	SD63CC-16-110
20414-63-92	SD63CC-16-92
20433-934-176	SD94CC-7-176
20462-85-384	SD85MC-20-384
20525-63-84	SD63DB-15-84
20528-74-163	SD74CC-13-162.88
20559-52-140	SD52DC-12-140
20565-85-378	SD85CC-19-378
20569-63-124	SD63CC-28-124
20577-63-167	SD63CB-12-167
20580-63-132	SD63CB-12-132
20597-916-170	SD86CC-1-171
20598-915-125	SD85CC-15-125
20601-63-120	SD63DB-14-120
20683-63-118	SD63CB-11-118
20697-52-140	SD52DC-12-140
20706-914-104	SD84CC-11-104
20738-63-118	SD63CB-11-118
20738-63-136	SD63CB-14-136
20738-63-173.50	SD63CB-14-173
21212-63-110	SD63CC-16-110
30000-83-132	S83DC-26-134
30000-83-138	S83DC-40-139
30000-83-160	S84DC-40-170
30000-84-140	S84DC-40-140
30000-84-148	S84DC-40-148

Hyc

30000-84-156	S84DC-31-156
30000-84-164	S84DC-40-161
30000-84-168	S84DC-40-161
30000-84-170	S84DC-40-170
30000-84-175	S84DC-40-170
30000-84-180	S84DC-40-180
30000-84-188	S84DC-40-188
30000-84-190	S84DC-40-188
30000-85-160	S85DC-51-160
30000-85-165	S85DC-51-160
30000-85-170	S85DC-40-170
30000-85-190	S85DC-40-190
30000-85-195	S85DC-40-190
30000-85-200	S85DC-40-197
30000-85-220	S85DC-40A-220
30001-85-225	S85DC-40A-220
30001-85-235	S85DC-40-235
30001-85-250	S85DC-40-250
30001-85-260	S85DC-40A-265
30001-85-265	S85DC-40A-265
30001-85-270	S85DC-40A-265
30004-824-150	S84DC-40-148 CM2
30004-825-190	S85DC-64-190
30004-825-220	S85DC-64-220
30009-84-148	S84DC-40-148 CM21
30009-84-160	S84DC-31-156 CM21
30009-84-164	S84DC-40-161 CM21
30009-84-180	S84DC-40-180 CM21
30009-84-182	S84DC-40-180 CM21
30009-85-195	S85DC-40-190 CM21
30009-85-220	S85DC-40A-220 CM21
30011-84-188	S84DC-40-188 CM9
30016-73-120	S73DC-40-120 CM4
30016-73-130	S73DC-41-129 CM4
30016-73-132	S73DC-41-129 CM4
30016-73-140	S73DC-40-140 CM4
30016-73-141	S73DC-40-140 CM4
30016-73-150	S73DC-40-150 CM4
30016-73-151	S73DC-40-150 CM4
30016-74-120	S74DC-40A-120 CM4
30016-74-135	S74DC-40-135 CM4
30016-74-136	S74DC-40-135 CM4
30016-74-140	S74DC-40A-140 CM4
30016-74-156	S74DC-40-156 CM4
30016-74-164	S74DC-40-161 CM4
30016-74-166	S74DC-40-161 CM4
30016-74-178	S74DC-40-161 CM4
30016-74-175	S84DC-40-170
30016-74-176	S84DC-40-170
30016-74-180	S74DC-40-180
30017-63-108	S63DC-47-107 CM16
30017-63-120	S63DC-47-120 CM16
30017-63-129	S63DC-47-130 CM16
30018-74-118	S74DC-40A-120
30018-74-138	S74DC-40A-140
30020-84-224T	S85MC-48-235
30020-85-190T	S85MC-48-200
30020-85-200T	S85MC-48-200
30020-85-204T	S85MC-48-200
30020-85-220T	S85MC-48-220
30020-85-225T	S85MC-48-220
30020-85-235T	S85MC-48-235
30021-63-104	S63DC-47-104 CM36
30021-63-108	S63DC-47-107 CM36
30021-63-120	S63DC-47-120 CM36
30021-63-126	S63DC-44-123 CM36
30021-63-132	S63DC-47-130 CM36
30021-63-138	S63DC-47-140 CM36
30021-63-175	S63DC-47-77 CM36
30021-63-84	S63DC-47-86 CM36
30021-63-98	S63DC-47-92 CM36
30022-825-235	S85DC-64-235
30022-825-242	S85DC-64-250
30022-825-250	S85DC-64-250
30022-825-255	S85DC-64-250
30022-825-265	S85DC-64-265
30023-85-170	S85DC-40-170
30025-935-190	S95DC-40-190 CM42

Hyc

30025-935-220	S95DC-40-220 CM42
30025-935-235	S95DC-40-235 CM42
30025-935-240	S95DC-40-235 CM42
30025-935-250	S95DC-40-250 CM42
30025-935-255	S95DC-40-250 CM42
30025-935-265	S95DC-40-265 CM42
30025-935-270	S95DC-40-265 CM42
30029-825-270	S85DC-40A-265 CM2
30034-85-220	S85DC-40A-220 CM11
30038-915-220	S95DC-40-220 CM4
30038-915-235	S95DC-40-235 CM4
30038-915-250	S95DC-40-250 CM4
30038-915-265	S95DC-40-265 CM4
30039-53-63	S53DB-2-63
30041-84-156	S84DC-31-156
30041-84-190	S84DC-40-188
30042-85-235	S85DC-40-235
30042-85-250	S85DC-40-250
30043-85-200	S85DC-40-197 CM46
30043-85-205	S85DC-40-197 CM46
30043-85-220	S85DC-40A-220 CM46
30044-85-235	S85DC-40-235 CM46
30044-85-250	S85DC-40-250 CM46
30044-85-260	S85DC-40A-265 CM46
30048-73-120	S73DC-40-120 CM38
30048-74-135	S74DC-41-135
30048-74-140	S74DC-40A-140 CM38
30048-74-164	S74DC-40-161 CM38
30049-42-82T	S42MB-3-90
30049-42-83T	S42MB-3-90
30049-42-86T	S42MB-3-90
30049-42-90T	S42MB-3-90
30050-63-108T	S63MB-11-108
30050-63-120T	S63MB-9-120
30050-63-140T	S63MB-8-140
30050-64-140T	S64MB-4-140
30051-85-190	S85DC-40-190 CM53
30051-85-215	S85DC-40A-220 CM65
30057-53-72	S53DC-14-72
30057-53-78	S53DC-14-72
30057-53-84	S53DC-14-84
30057-53-90	S53DC-14-84
30058-74-154T	S74MB-3-154
30058-74-172T	S74MB-3-172
30060-85-235T	S85MC-48-235
30060-85-250T	S85MC-48-250
30060-85-265T	S85MC-48-265
30060-85-280	S85MC-48-280
30061-63-98	S63DC-47-104 CM36
30062-85-190T	S85MC-48-200 CM53
30062-85-200T	S85MC-48-200 CM53
30062-85-220T	S85MC-48-220 CM53
30063-85-170H	S85DC-40-170
30063-85-190H	S85DC-40-190
30064-73-120H	S73DC-40-120 CM4
30064-74-140H	S74DC-40A-140 CM4
30064-74-156H	S74DC-40-156 CM4
30064-75-170H	S85DC-40-170
30065-63-108H	S63DC-47-107 CM36
30065-63-120H	S63DC-47-120 CM36
30066-64-140H	S74DC-40A-140 CM4
30070-63-104	S63DC-47-104 CM43
30070-63-105	S63DC-47-107 CM43
30070-63-108	S63DC-47-107 CM43
30070-63-120	S63DC-47-120 CM45
30070-63-84	S63DC-47-86 CM43
30071-73-126	S73DC-40-124 CM9
30071-74-148	S74DC-40A-140 CM9
30072-53-120T	S53MB-3-120
30096-62-69	70096-62-69
30097-63-105	S63DC-47-107
30097-63-108	S63DC-47-107
30097-63-111	S63DC-44-111
30097-63-120	S63DC-47-120
30097-63-132	S63DC-47-130
30097-63-156	S63DC-47-150
30097-63-81	S63DC-47-86
30097-63-93	S63DC-47-86

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Hyc

30097-64-156	S64DC-9-156
30122-84-164	S84DC-40-161 CM38
30122-84-188	S84DC-40-188 CM38
30125-935-265	S95DC-40-265
30125-935-270	S95DC-40-265 CM42
30125-935-280	S95DC-40-280
30125-935-285	S95DC-40-280
30125-935-300	S95DC-40A-300
30129-63-108T	S63MB-11-108
30129-63-140T	S63MB-8-140
30129-63-144T	S63MB-8-140
30129-63-150T	S63MB-8-150
30129-64-140T	S64MB-4-140
30146-63-129	S63DC-47-130
30164-825-250	S85DC-40A-250 CM46
30178-825-260	S85DC-40A-265 CM49
30181-53-104	S53DC-11-104
30181-53-120	S53DC-11-120
30195-73-108	S73DC-40-110
30195-73-110	S73DC-40-110
30195-73-120	S73DC-40-120
30195-73-123	S73DC-40-120
30195-73-126	S73DC-40-124
30195-73-130	S73DC-41-129
30195-73-140	S73DC-40-140
30195-73-150	S73DC-40-150
30195-74-120	S74DC-40A-120
30195-74-136	S74DC-40-135
30195-74-140	S74DC-40A-140
30195-74-156	S74DC-40-156
30195-74-161	S74DC-40-161
30195-74-167	S74DC-40-161
30205-74-156	S74DC-40-156 CM4
30208-85-235	S85DC-40-235
30208-85-250	S85DC-40-250
30208-85-265	S85DC-40A-265
30231-53-104	S53DC-11-104
30231-53-108	S53DC-11-107
30231-53-123	S53DC-11-120
30238-63-138	S63DC-45-138
30238-63-162	S63DC-45-162
30251-63-120	S63DC-45-120
30251-63-126	S63DC-45-126
30251-63-138	S63DC-45-138
30251-63-162	S63DC-45-162
30252-53-105	S53DC-15-105
30252-53-120	S53DC-15-120
30252-53-123	S53DC-15-123
30252-53-126	S53DC-15-123
30252-53-135	S53DC-11-130 CM2
30252-53-81	S53DC-14-84
30252-53-87	S53DC-14-84
30252-53-99	S53DC-15-99
30278-915-190	S95DC-40-190 CM42
30278-915-220	S95DC-40-220 CM42
30278-915-235	S95DC-40-235 CM42
30278-915-250	S95DC-40-250 CM42
30278-915-265	S95DC-40-265 CM42
30279-53-72	S53DC-14-72
30279-53-84	S53DC-14-84
30279-53-90	S53DC-14-84
30305-83-150	S83DC-51-150
30305-84-137	S84DC-40-140
30305-84-156	S84DC-31-156
30305-84-160	S84DC-31-156
30305-85-160	S85DC-51-160
30305-85-190	S85DC-40-190
30305-85-220	S85DC-40A-220
30320-915-280	S95DC-40-280
30320-915-300	S95DC-40A-300
30324-85-285	S85DC-40-285
30337-85-190T	S85MC-48-200
30337-85-200T	S85MC-48-200
30337-85-204T	S85MC-48-200
30337-85-220T	S85MC-48-220
30337-85-225T	S85MC-48-220
30337-85-235T	S85MC-48-235
30338-915-190	S95DC-40-190

Hyc

30338-915-220	S95DC-40-220
30338-915-235	S95DC-40-235
30338-915-250	S95DC-40-250
30338-915-265	S95DC-40-265 CM4
30346-915-190	S95DC-40-190
30346-915-220	S95DC-40-220
30346-915-235	S95DC-40-235
30346-915-250	S95DC-40-250
30346-915-265	S95DC-40-265
30347-62-74	S62DC-9-74
30347-63-104	S63DC-47-104
30347-63-108	S63DC-47-107
30347-63-111	S63DC-44-111
30347-63-120	S63DC-47-120
30347-63-126	S63DC-44-123
30347-63-129	S63DC-47-130
30347-63-130	S63DC-47-130
30347-63-132	S63DC-47-130
30347-63-136	S63DC-47-130
30347-63-138	S63DC-47-140
30347-63-140	S63DC-47-140
30347-63-77	S63DC-47-77
30347-63-84	S63DC-47-86
30347-63-90	S63DC-47-86
30347-63-96	S63DC-47-92
30347-64-156	S64DC-9-156
30357-63-75	S63DC-47-77 CM36
30369-823-213	S85DC-40-235 CM2
30384-53-135	S53DC-11-130 CM2
30387-74-135	S74DC-40-135
30387-74-140	S74DC-40A-140
30426-73-120	S73DC-40-120
30426-73-140	S73DC-40-140
30426-73-150	S73DC-40-150
30426-74-120	S74DC-40A-120
30426-74-136	S74DC-40-135
30426-74-156	S74DC-40-156
30426-74-161	S74DC-40-161
30433-85-285	S85DC-40-285
30434-915-285	S95DC-40-280
30441-916-285	S96DC-1-285
30449-63-105	S63DC-47-107
30449-63-123	S63DC-44-123
30470-64-132	S64DB-6-135
30470-64-135	S64DB-6-135
30493-73-125.25	S73DC-60-125
30494-73-14212	S73DC-60-142
30495-63-09169	S63DC-60-92
30496-53-89	S53MB-5-90
30497-53-74	S53MB-5-74
30498-53-81	S53DC-60-81
30499-63-10763	S63DC-60-106
30500-63-126	S63DC-60-125
30501-63-79	S63DC-54-79.31
30504-74-164	S74DC-60-165.75
30505-63-79.63	S63DC-60-79.12
30506-84-162	S84DC-40-161
30508-53-81	S53DC-16-80.75
30510-73-104	S73DC-60-103
30512-53-82	S53DB-9-82
30513-53-108	S53DC-60-108
30521-74-136	S74DC-41-135 CM8
30522-84-140	S84DC-60-140
30527-53-107	S53DC-60-108
30534-73-120	S73DC-40-120
30534-74-135	S74DC-40-135
30534-74-156	S74DC-40-156
30537-73-142	S73DC-60-142
30541-815-265	S85DC-40A-265
30541-85-235	S85DC-40-235
30541-85-240	S85DC-40-235
30541-85-265	S85DC-40A-265
30543-63-92	S63DC-60-92
30584-63-78	S63DC-47-77 CM71
30592-84-168	S84DC-40-161
30595-74-152	S74MB-3-154
30595-74-172	S74MB-3-172
30602-85-186	S85DC-40-190

Hyc

30602-85-216	S85DC-40A-220
30603-825-186	S85DC-64-190
30603-825-216	S85DC-64-220
30614-73-12525	S73DC-60-125
30616-73-142	S73DC-60-142
30620-63-126	S63DC-60-125
30621-84-162	S84DC-40-161
30622-84-140	S84DC-60-140
30642-53-71.12	S53DB-9-71
30779-64-157	S64DC-7-157
40026-85-220	SD85MC-16-220
40027-84-152	SD84MC-21-152
40027-84-176	SD84MC-21-176
40030-84-406	SD84MC-23-406
40041-85-220	SD85MC-16-220
40045-934-188	SD94CC-8-190
40047-84-152	SD84MC-21-152
40047-84-176	SD84MC-21-176
40050-84-406	SD84MC-23-406
40058-42-50T	S42MB-6-50
40062-53-74T	S53MB-5-74
40063-42-50T	S42MB-6-50
50009-53-189	SD53CC-35-189
50044-64-145	SD64DC-3-145
50044-64-146	SD64DC-3-145
50066-64-157	SD64DC-3-156
50138-53-182	SD53CC-38-182
60025-935-220	S95DC-40-220 CM42
60251-63-120	S63DC-45-120
60251-63-126	S63DC-45-126
60251-63-138	S63DC-45-138
60251-63-162	S63DC-45-162
60702-74-160	SD74CC-10-161
60726-63-102	SD63DC-71-101
60726-63-103	SD63DC-71-101
60727-63-82	SD63DC-71-81
60727-63-83	SD63DC-71-81
60803-53-156	SD53CC-36-155
70000-814-132	S84DC-40-140
70000-814-140	S84DC-40-140
70000-814-147	S84DC-40-148
70000-814-155	S84DC-31-156
70000-814-172	S84DC-40-180
70000-814-191	S84DC-40-188
70000-815-160	S85DC-51-160
70000-815-170	S85DC-40-170
70000-815-180	S85DC-40-190
70000-815-191	S85DC-40-197
70000-815-210	S85DC-40A-220
70000-815-235	S85DC-40-235
70000-815-250	S85DC-40-250
70000-815-265	S85DC-40A-265
70001-815-235	S85DC-40-235
70001-815-265	S85DC-40A-265
70009-814-173.50	S84DC-40-180 CM21
70016-73-120	S73DC-40-120 CM4
70016-73-130	S73DC-41-129 CM4
70016-73-140	S73DC-40-140 CM4
70016-74-120	S74DC-40A-120 CM4
70016-74-135	S74DC-40-135 CM4
70016-74-140	S74DC-40A-140 CM4
70016-74-156	S74DC-40-156 CM4
70016-74-167	S74DC-40-161 CM4
70016-74-180	S74DC-40-180
70018-74-118	S74DC-40A-120
70018-74-138	S74DC-40A-140
70020-815-190T	S85MC-48-200
70020-815-210T	S85MC-48-220
70021-63-108	S63DC-47-107 CM36
70021-63-120	S63DC-47-120 CM36
70021-63-132	S63DC-47-130 CM36
70021-63-75	S63DC-47-77 CM36
70021-63-84	S63DC-47-86 CM36
70022-814-172	S84DC-40-180
70022-815-210	S85DC-40A-220 CM2
70022-815-235	S85DC-40-235 CM2
70022-815-250	S85DC-40-250 CM2
70022-815-265	S85DC-40A-265 CM2

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Note: It is the Users Responsibility to Verify if the Replacement Cylinder is Interchangeable.

Note: In some applications, modifications may be required for proper cylinder installation.

Note: Bold / Highlighted Items are Standard Warehouse Cylinders.

Hycro

70023-815-170	S85DC-40-170
70025-935-200	S95DC-40-190 CM42
70025-935-220	S95DC-40-220 CM42
70025-935-235	S95DC-40-235 CM42
70025-935-250	S95DC-40-250 CM42
70025-935-265	S95DC-40-265 CM42
70025-935-300	S95DC-40A-300 CM42
70025-935-320	S95DC-40A-320 CM42
70029-815-270	S85DC-40A-265 CM2
70039-53-63	S53DB-2-63
70048-74-135	S74DC-41-135
70049-42-82T	S42MB-3-90
70049-42-90T	S42MB-3-90
70050-63-108T	S63MB-11-108
70050-63-111T	S63MB-11-108
70050-63-120T	S63MB-9-120
70050-63-140T	S63MB-8-140
70050-63-150T	S63MB-8-150
70050-63-160T	S63MB-8-160
70050-63-98T	S63MB-11-108
70050-64-140T	S64MB-4-140
70057-53-72	S53DC-14-72
70057-53-84	S53DC-14-84
70057-53-90	S53DC-14-84
70058-74-154T	S74MB-3-154
70058-74-172T	S74MB-3-172
70060-815-190T	S85MC-48-190
70060-815-220T	S85MC-48-220
70060-815-235T	S85MC-48-235
70060-815-250T	S85MC-48-250
70060-815-265T	S85MC-48-265
70060-815-280T	S85MC-48-280
70060-815-285T	S85MC-48-280
70061-63-98	S63DC-47-104 CM36
70064-74-140H	S74DC-40A-140 CM4
70064-74-156H	S74DC-40-156 CM4
70072-53-120T	S53MB-3-120
70072-53-140T	S53MB-3-140
70096-62-69	70096-62-69
70125-935-250	S95DC-40-250
70125-935-265	S95DC-40-265
70125-935-280	S95DC-40-280 CM4
70129-63-108T	S63MB-11-108
70129-63-150T	S63MB-8-150
70175-73-129H	S73DC-41-129 CM4
70195-73-108	S73DC-40-110
70195-73-110	S73DC-40-110
70195-73-120	S73DC-40-120
70195-73-124	S73DC-40-124
70195-73-130	S73DC-41-129
70195-73-140	S73DC-40-140
70195-74-135	S74DC-40-135
70195-74-140	S74DC-40A-140
70195-74-156	S74DC-40-156
70195-74-161	S74DC-40-161
70195-74-167	S74DC-40-161
70195-74-180	S74DC-40-180
70251-63-120	S63DC-45-120
70251-63-126	S63DC-45-126
70251-63-138	S63DC-45-138
70251-63-162	S63DC-45-162
70252-53-105	S53DC-15-105
70252-53-120	S53DC-15-120
70252-53-123	S53DC-15-123
70252-53-126	S53DC-15-123
70252-53-99	S53DC-15-99
70320-915-300	S95DC-40A-300
70320-935-220	S95DC-40-220
70320-935-280	S95DC-40-280
70337-815-200T	S85MC-48-200
70337-815-220T	S85MC-48-220
70338-935-220	S95DC-40-220
70338-935-235	S95DC-40-235
70338-935-250	S95DC-40-250 CM4
70346-935-220	S95DC-40-220
70346-935-235	S95DC-40-235
70346-935-250	S95DC-40-250
70346-935-265	S95DC-40-265

Hycro

70347-62-74	S62DC-9-74
70347-63-104	S63DC-47-104
70347-63-108	S63DC-47-107
70347-63-111	S63DC-44-111
70347-63-120	S63DC-47-120
70347-63-123	S63DC-44-123
70347-63-126	S63DC-44-123
70347-63-130	S63DC-47-130
70347-63-132	S63DC-47-130
70347-63-140	S63DC-47-140
70347-63-77	S63DC-47-77
70347-63-84	S63DC-47-86
70347-63-88	S63DC-47-86
70347-63-96	S63DC-47-92
70347-64-156	S64DC-9-156
70372-62-74	S62DC-9-74
70387-74-135	S74DC-40-135
70387-74-140	S74DC-40A-140
70387-74-156	S74DC-40-156
70426-73-150	S73DC-40-150
70433-815-285	S85DC-40-285
70434-935-285	S95DC-40-280
70449-63-123	S63DC-44-123
70470-64-132	S64DB-6-135
70470-64-135	S64DB-6-135
70470-64-156	S64DB-6-156
70493-73-124.25	S73DC-60-125
70494-73-14212	S73DC-60-142
70498-53-81	S53DC-60-81
70500-63-107	S63DC-60-106
70501-63-79	S63DC-54-79.31
70504-74-162	S74DC-60-165.75
70508-53-81	S53DC-16-80.75
70508-63-81	S63DC-54-79.31
70512-53-82	S53DB-9-82
70521-74-136	S74DC-41-135 CM8
70534-74-156	S74DC-40-156
70541-815-210	S85DC-40A-220
70541-815-240	S85DC-40-235
70541-815-265	S85DC-40A-265
70595-74-154T	S74MB-3-154
70595-74-172T	S74MB-3-172
70603-815-180	S85DC-40-190 CM2
70603-815-210	S85DC-40A-220 CM2
70611-63-120	S63DC-45-120
70611-63-126	S63DC-45-126
70611-63-138	S63DC-45-138
70611-63-162	S63DC-45-162
70614-73-119	S73DC-40-120 CM38
70616-73-136	S73DC-60-142
70620-63-126	S63DC-60-125
70679-53-123	S53DC-15-123
70802-815-180	S85DC-40-190
70803-815-200T	S85MC-48-200
70803-815-220T	S85MC-48-220
70803-815-240T	S85MC-48-235
70804-53-140T	S53MB-3-140
70805-64-156	S64DB-6-156
70807-63-120	S63DC-45-120
70809-815-235T	S85MC-48-235
70809-815-250T	S85MC-48-250
70817-73-114	S73DC-40-120
70821-63-91.88	S63DC-47-92
70828-53-123	S53DC-11-126
70832-63-80	S63DC-47-77 CM11
70848-53-84	S53DC-14-84
70853-64-140T	S64MB-4-140
70854-64-156	S64DB-6-156
70876-73-146.50	S73DC-40-150
3139-TM	D25LL-12-16
5275-78	D62CB-18-78
6127-BA	D25LD-3-66
6260-BA	C3810
6262-BA	D50CB-8-27
6312	D40CD-10-24
6313	D3812
6389-BA	D40LB-1-35.31
6390-BA	D60DC-7-42.62

Hycro

6402	D50CB-8-27
6403	C3814
6404	D35CC-18-36.88
6410	D40CE-3-24
6412	D40CE-3-24
6443	D3812
7204-LM	D40CD-10-24
8159-BA	D40CD-13-37
8208-BA	D30CC-13-21.62
8218-BA	D30CA-2-3.62
8221-BA	B5655
8224-BA	B5799
8241-BA	B5655
8259-BA	B5873
8260-BA	B5799
8261-BA	B5866
8262-BA	B5655
8263-BA	B5653
8520-BA	D40LB-1-35.31
8525-BA	D30DD-7-21.12
8527-BA	D40DL-2-30.38
8530-BA	D60DB-16-67.5
8533-BA	D40DB-3-28.5
8534-BA	D25DD-3-63
8536-BA	D35LD-2-16.5
8540-BA	D40CB-7-42
8541-BA	D40DD-10-21.62
8550-BA	D35DL-2-26.31
8555-BA	D30LD-2-33.38
8560-BA	D45CD-3-49.12
8565-BA	D40CB-7-42
8567-BA	D60DC-8-60
8574-BA	D40LB-1-35.31
8575-BA	D40DB-3-28.5
8576-BA	D60DC-7-42.62
8578-BA	D30DD-7-21.12
8579-BA	D40DL-2-30.38
8582-BA	D35LD-3-23.25
8596-BA	D60DC-7-42.62
8597-BA	D40DB-3-28.5
8611-BA	D55CC-3-49.13
8612-BA	D30DD-4-89
8613-BA	D40LD-2-16.5
8629-BA	D35DB-2-14.25
8643-BA	D35LD-2-16.5
8644-BA	D45CD-3-49.12
8645-BA	D35LD-3-23.25
8646-BA	D30DD-9-23
8654-BA	D60DB-16-67.5
8664-BA	D40CC-16-24.81
8665-BA	D55CC-2-38.31
8671-BA	D40DB-3-28.5
8672-BA	D60DC-7-42.62
8673-BA	D35LD-2-16.5
8679-BA	D40DL-2-30.38
9021-BA	B5654
9185-BA	B5873
9189-BA	B5799
RCA-20001-01275	D20CL-2-12.75
RCA-25004-10050	D25CC-12-100.50
RCA-25005-08750	D25CC-12-87.50
RCA-30007-02862	D30LD-5-28.62
RCA-35007-02675	D35CD-9-26.75
RCA-35012-02675	D35CD-9-26.75
RCA-40019-02350	D40CL-3-23.50
RCA-40045-03269	S35CL-2-32.69
RCA-45002-04200	D45CL-2-42
RCA-45004-04425	D45CL-2-44.25
RCA-45005-04200	D45CC-13-42
RCA-45006-04225	D45CC-13-44.25
RCA-45007-04200	D45CC-13-42
RCA-45008-04200	D45CL-2-42
RCA-45009-04225	D45CC-13-44.25
RCA-45010-04425	D45CL-2-44.25

Hycro / Lessard

193-A	S95DC-40-265 CM42
194-A	S95DC-40-235 CM42

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Hycro / Lessard

195-A	S95DC-40-190 CM42
196-A	S95DC-40-250 CM42
500-A	S85DC-40-190
500-B	S85DC-40-190
501-A	S85DC-40A-220
501-B	S85DC-40A-220
502-A	S85DC-40-235
502-B	S85DC-40-235
503-A	S85DC-40-250
503-B	S85DC-40-250
504-A	S85DC-40A-265
504-B	S85DC-40A-265
519-A	S84DC-40-148
519-B	S84DC-40-148
519-H	S84DC-40-148
520-A	S84DC-40-180
520-B	S84DC-40-180
520-H	S84DC-40-180
028-0000-0	D70DC-2-81
098-2010-0	S84DC-40-148
098-2011-0	S84DC-40-180
098-2012-0	S84DC-40-148
098-2013-0	S84DC-40-180
098-3012-0	S85DC-40-190
098-3013-0	S85DC-40A-220
098-3014-0	S85DC-40-235
098-3015-0	S85DC-40-250
098-3016-0	S85DC-40A-265
098-3028-0	S85DC-40-190
098-3029-0	S85DC-40A-220
098-3030-0	S85DC-40-235
098-3031-0	S85DC-40-250
098-3032-0	S85DC-40A-265
099-3004-1	S95DC-40A-320 CM42
099-3005-1	S95DC-40A-300 CM42
099-3009-0	S95DC-40-250 CM42
099-3010-0	S95DC-40-190 CM42
099-3011-0	S95DC-40-235 CM42
099-3012-0	S95DC-40-265 CM42
099-3024-0	S95DC-40-190 CM42
099-3025-0	S95DC-40-235 CM42
099-3026-0	S95DC-40-250 CM42
099-3027-0	S95DC-40-265 CM42
099-3029-0	S95DC-40A-300 CM42
099-3030-0	S95DC-40A-320 CM42
DA348-8.5-5-DC-96.87	SD85CC-19-348
SA120-5-3-TB-53.75-14.37	S53MB-3-120
SA148.5-8.12-4-BC-54	S84DC-40-148
SA148.5-8-4-BC-54	S84DC-40-148
SA149-8-4-BC-54	S84DC-40-148
SA172.5-8.12-4-BC-60	S84DC-40-180
SA172.5-8-4-BC-60	S84DC-40-180
SA173-8-4-BC-60	S84DC-40-180
SA186-8-5-BC-54	S85DC-40-190
SA190-8-5-BC-54	S85DC-40-190
SA196-912-5-BC-58	S95DC-40-190 CM42
SA216-8-5-BC-60	S85DC-40A-220
SA220-8-5-BC-60	S85DC-40A-220
SA235-8-5-BC-65	S85DC-40-235
SA235-912-5-BC-66	S95DC-40-235 CM42
SA250-8-5-BC-68	S85DC-40-250
SA250-912-5-BC-69	S95DC-40-250 CM42
SA265-8-5-BC-71	S85DC-40A-265
SA265-912-5-BC-72	S95DC-40-265 CM42
SA300-9.12-5-BC-79	S95DC-40A-300 CM42
SA320-912-5-BC-83	S95DC-40A-320 CM42

Iri International

732021	SD83LF-5-177
732022	SD93LF-1-177
937646	SD83CB-16-117
IJ141	D50AA-1-10
IJ152	D60AA-2-10

J Craft

001679	S63DC-44-123
001682	S63DC-44-111
001683	S73DC-41-129

J Craft

001684	S74DC-40-156
001685	S85DC-40-190

Johnson

D3-38	S63DC-47-77 CM26
D3-42	S63DC-47-86 CM26
D3-48	S63DC-47-107 CM26
D3-50	S63DC-44-111 CM26
D3-52	S63DC-47-120 CM26
D3-55	S63DC-44-123 CM26
D3-60	S63DC-47-140 CM26
D3-63	S63DC-47-150 CM26
E3-50	S73DC-40-110 CM23
E3-52	S73DC-40-110 CM23
E3-55	S73DC-40-124 CM23
E3-60	S73DC-40-140 CM23
E3-63	S73DC-40-150 CM23
E4-45	S74DC-40A-120 CM23
E4-48	S74DC-40-135 CM23
F3-58	S84DC-40-140 CM66
F3-60	S83DC-40-139 CM66
F3-63	S83DC-51-150 CM66
F3-67	S84DC-40-170 CM66
F3-69	S83DC-40-160 CM66
F4-51	S84DC-40-148 CM22
F4-53	S84DC-31-156 CM22
F4-55	S84DC-40-161 CM22
F4-57	S84DC-40-170 CM22
F4-60	S84DC-40-180 CM22
F4-62	S84DC-40-188 CM22
F5-55	S85DC-40-197 CM1
F5-59	S85DC-40A-220 CM1
G5-55	S95DC-40-190 CM22
G5-57	S95DC-40-190 CM22
G5-60	S95DC-40-220 CM22
G5-62	S95DC-40-220 CM22
G5-65	S95DC-40-235 CM22
G5-67	S95DC-40-250 CM22
G5-69	S95DC-40-250 CM22
G5-72	S95DC-40-265 CM22
G5-80	S95DC-40A-300 CM22
G5-85	S95DC-40A-320 CM22
FMD3-38	S63DC-47-77 CM26
FMD3-42	S63DC-47-86 CM26
FMD3-48	S63DC-47-107 CM26
FMD3-50	S63DC-44-111 CM26
FMD3-52	S63DC-47-120 CM26
FMD3-55	S63DC-44-123 CM26
FMD3-60	S63DC-47-140 CM26
FMD3-63	S63DC-47-150 CM26
FME3-50	S73DC-40-110 CM23
FME3-52	S73DC-40-110 CM23
FME3-55	S73DC-40-124 CM23
FME3-60	S73DC-40-140 CM23
FME3-63	S73DC-40-150 CM23
FME4-45	S74DC-40A-120 CM23
FME4-48	S74DC-40-135 CM23
FMF3-58	S84DC-40-140 CM66
FMF3-60	S83DC-40-139 CM66
FMF3-63	S83DC-51-150 CM66
FMF3-67	S84DC-40-170 CM66
FMF3-69	S83DC-40-160 CM66
FMF4-51	S84DC-40-148 CM22
FMF4-53	S84DC-31-156 CM22
FMF4-55	S84DC-40-161 CM22
FMF4-57	S84DC-40-170 CM22
FMF4-60	S84DC-40-180 CM22
FMF4-62	S84DC-40-188 CM22
FMF5-55	S85DC-40-197 CM1
FMF5-59	S85DC-40A-220 CM1
FMG5-55	S95DC-40-190 CM22
FMG5-57	S95DC-40-190 CM22
FMG5-60	S95DC-40-220 CM22
FMG5-62	S95DC-40-220 CM22
FMG5-65	S95DC-40-235 CM22
FMG5-67	S95DC-40-250 CM22
FMG5-69	S95DC-40-250 CM22
FMG5-72	S95DC-40-265 CM22

Johnson

FMG5-80	S95DC-40A-300 CM22
FMG5-85	S95DC-40A-320 CM22

Kalyn / Siebert

2533038	S85DC-40-197
2533039	S85DC-40A-220
2533040	S85DC-40-235
2533047	S95DC-40-280
2533067	S85DC-40-285

Kann Mfg

1400101	D30CD-10-28
1400102	B4775
1400103	B4773
1400104	SD52CC-27-72
1400105	SD62DB-3-84
1400106	C4774
1400117	B5370
1400118	D30LL-7-16
1400119	D35LL-8-16
1400121	B5609
1400128	B5642
1400135	B6148
1400136	B5773
1400147	SD52DB-CP547-84
1400148	SD52DB-CP557-70
1400150	B5983
3701054	B4775
3850017	D35DD-3-16
P4073-1	SD62DB-3-84
P4073-T	SD62DB-3-84
P4074-1	SD52CC-27-72
P4074-T	SD52CC-27-72

Kayaba

110-40-535	D40CB-8-21
30155-01600	SD64CC-3-126
30155-01900	SD64CC-5-107

Leach

15373	D40CD-11-15
16902	SD83CC-27-126
20278	SD75OO-1-100
32046	D60DC-10-30.50
37815	SD83CC-27-126
39726	SD86CC-1-171
41296	SD85CC-15-125
41297	SD84CC-11-104
41298	SD85CC-15-125
41354	D60CF-3-32.38
41357	D60CF-3-32.38
200868	SD75OO-2-113
200869	SD75OO-1-100
200870	SD64OO-1-87
201500	SD86OO-1-146
209785	SD63DC-71-81
209786	SD63DC-71-101
209787	SD64DC-3-145
210629	S35CL-2-32.69
210658	D45CC-16-32.50
210659	D55CC-8-37
210847	SD64DC-3-156
300679	D60DC-10-30.50
300900	D60DC-10-30.50
300990	D60DC-10-30.50
302385	D30DD-13-14.25
302514	D20LL-6-3.25
302525	SD63CC-23-167
302549	D30LD-6-28.62
303407	SD63CC-23-167
303904	D60DC-10-30.50
304000	SD63CC-23-167
304805	D60DC-11-30.50
305111	SD63CC-23-146
305112	D45CC-13-42
305127	D45CC-13-42
305240	D45CL-2-44.25
305241	D45CL-2-44.25

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Leach

305687	SD63CC-29-146
305688	SD63CC-39-167
305827	D60DC-10-30.50
305960	D20CL-2-12.75
306459	D45CL-2-42
306460	D30LD-5-28.62
306462	D25CC-12-100.50
306463	D45CC-13-42
306464	D45CC-13-42
306465	D45CL-2-44.25
306466	D20CL-2-12.75
306562	D60CF-3-32.38
306633	D45CC-13-42
306634	D45CC-13-44.25
306635	D45CL-2-42
306636	D45CL-2-44.25
306811	D25CC-12-87.50
307081	D60BC-2-30.31
307082	D60BC-2-27.81
307534	D35CD-9-26.75
400383	D60CF-3-32.38
400496	S21LL-2-1.5
400753	D40CL-2-39.38
401056	D40CL-2-39.38
401207	D40CD-11-15
402087	D60CF-2-57
402160	D40CL-2-39.38
402324	D40CL-2-39.38
404411	D50CB-9-32.50
405089	D40CL-2-39.38
405964	D40CD-11-15
406368	D60CF-3-32.38
406369	D40CL-2-39.38
406370	S21LL-2-1.5
406399	D40CL-2-39.38
406578	D50CB-9-32.50
406582	D60CF-2-57
406639	D40CL-2-39.38
407028	D40CL-2-39.38
601429	D40CL-2-39.38
602163	D30LD-6-28.62
605250	D40CD-11-15
700081	D60BC-3-30.31
701479	S35CL-2-32.69
704045	704045
2R1006A	D60DC-11-30.50
2R1008R	D60DC-10-30.50
PO1166	D60CF-3-32.38
PO265	D40CL-2-39.38

Loadmaster

11071	SD64CC-3-126
14969	D40CB-8-21
17506	SD64CC-3-126
17678	SD64CC-3-126
17834	D55CB-7-40.50
20146	SD64CC-5-107
20148	SD64CC-3-147
22974	D55CB-7-40.50
22977	D40CB-8-21
150040-1	D40CB-8-21
150051-1	D40CB-8-21
150066	SD64CC-3-126
150072-1	SD64CC-3-126
150083-1	D40CB-8-21
150089-1	SD64CC-5-107
150123	D40CB-8-21
150586	SD64CC-3-126
750013	D40CB-8-21
750182	D55CB-7-40.50
EO 3760	SD64CC-5-107

Lodal

9930216	SD84CC-21-135
9930230	SD74CC-12-135
9930251	SD52CC-24-111
9930254	SD42CC-19-111
9930258	SD95CC-3-160

Lodal

9930260	SD84CC-21-135
9930272	SD42CC-19-111
9930303	SD42CC-19-111
9930341	SD53CC-36-155

Lufkin Industries

13789850 (3789850) . **S85DC-40A-265**

Mabar

T63108	S63DC-47-107
T63120	S63DC-47-120
T63126	S63DC-44-123
T74135	S74DC-40-135
T74140	S74DC-40A-140
T74156	S74DC-40-156

Mailhot

5000011	S85DC-40-190
5000012	S85DC-40A-220
5000026	S85DC-40-250
5000058	S95DC-40-250
5000060	S95DC-40-265
5000085	S85DC-40-235
5000134	S95DC-40-235
9000012	S85DC-40-235
9000015	S85DC-40A-220
9000016	S95DC-40-265
9000023	S85DC-40-250
9000025	S85DC-40-190
9000029	S95DC-40-250
9000030	S85DC-40-197
9000031	S84DC-40-188
9000034	S74DC-40-135
9000035	S73DC-40-110
9000036	S63DC-44-123
9000037	S63DC-44-111
9000038	S64DC-9-156
9000079	S95DC-40-235
C102-6-3	S63DC-47-104
C111-6-3	S63DC-44-111
C111-7-3	S73DC-40-110
C120-6-3	S63DC-47-120
C123-6-3	S63DC-44-123
C135-7-4	S74DC-40-135
C148-8.125-4	S84DC-40-148
C156-6-4	S64DC-9-156
C156-6-4A	S64DC-9-156
C156-6-4B	S64DC-9-156
C160-7-4	S74DC-40-156
C160-8.125-4	S84DC-31-156
C162-7-4	S74DC-40-161
C167-7-4	S74DC-40-161
C183-8.125-4	S84DC-40-180
C183-8-4	S84DC-40-188
C190-8.125-5	S85DC-40-190
C190-8-5	S85DC-40-190
C190-9.375-5	S95DC-40-190
C200-8-5	S85DC-40-197
C220-8.125-5	S85DC-40A-220
C220-8-5	S85DC-40A-220
C220-9.375-5	S95DC-40-220
C235-8.125-5	S85DC-40-235
C235-8-5	S85DC-40-235
C235-9.25-5	S95DC-40-235
C235-9.375-5	S95DC-40-235
C250-8.125-5	S85DC-40-250
C250-8-5	S85DC-40-250
C250-9.25-5	S95DC-40-250
C250-9.375-5	S95DC-40-250
C265-8.125-5	S85DC-40A-265
C265-9.25-5	S95DC-40-265
C265-9.375-5	S95DC-40-265
C280-8.125-5	S85DC-40-285
C280-9.375-5	S95DC-40-280
C300-9.375-5	S95DC-40A-300
PC0601113HG0037	S63DC-44-111
PC0601233HG0036	S63DC-44-123
PC0601564HG0038	S64DC-9-156

Mailhot

PC0701113HG0035	S73DC-40-110
PC0701354HG0034	S74DC-40-135
PC0701624HG0033	S74DC-40-161
PC0701784HG0261	S74DC-40-180
PC0801834HG0031	S84DC-40-188
PC0801905HG0025	S85DC-40-190
PC0802005HG0030	S85DC-40-197
PC0802205HG0015	S85DC-40A-220
PC0802355HG0012	S85DC-40-235
PC0802505HG0023	S85DC-40-250
PC0802705HG0230	S85DC-40A-265
PC0922355HG0047	S95DC-40-235
PC0922505HG0029	S95DC-40-250
PC0922655HG0016	S95DC-40-265
PS0601113HG0045	S63DC-44-111
PS0601203HG0052	S63DC-47-120
PS0601564HG0041	S64DC-9-156
PS0601564HG0043	S64DC-9-156
PS0701354HG0012	S74DC-40-135
PS0701604HG0044	S74DC-40-156
PS0701674HG0081	S74DC-40-161
PS0811484HG0009	S84DC-40-148
PS0811604HG0010	S84DC-31-156
PS0811834HG0011	S84DC-40-180
PS0811905HG0001	S85DC-40-190
PS0812205HG0003	S85DC-40A-220
PS0812355HG0004	S85DC-40-235
PS0812655HG0006	S85DC-40A-265
PS0812805HG0007	S85DC-40-285
PS0912505HG0005	S85DC-40-250
PS0931905HG0020	S95DC-40-190
PS0932205HG0008	S95DC-40-220
PS0932355HG0022	S95DC-40-235
PS0932505HG0023	S95DC-40-250
PS0932655HG0024	S95DC-40-265
PS0932805HG0024	S95DC-40-280
PS0933005HG0026	S95DC-40A-300

Mangino

62-94	SD62CB-12-94
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Marathon

04-0127	D70DD-7-79
04-2001	SD63CB-11-118
04-2002	D70LN-3-80
04-2003	D70LN-2-90
92-3650	SD63DB-6-108

Marion

3243C	S32DB-1-43 CM72
3250-C	S32DB-1-50 CM72
4243C	S42DB-5-43 CM72
4250C	S42DB-5-51 CM72
4250T	S42MB-6-50
4260T	M42MB-60
4375C	S43DB-2-75 CM72
5360C	S53DB-13-60
5374T	S53MB-5-74
5390C	S53DB-13-90
5390T	S53MB-5-90
A218630-119	S74DC-40A-120 CM26
A218630-135	S74DC-40-135 CM26

Maxon

401216	S53DB-2-63
401222	D60DD-4-69

Mcclain

1001140	D60DB-14-58
1001141	D60CC-26-78
1001143	D60DB-12-108
1001144	SD72DB-2-76
1001145	D70CC-7-78
1001146	D70DB-2-115
1001147	SD73DB-8-115
1001149	SD85CC-24-236
1001151	SD85MC-21-384
1001152	SD85CC-24-304

Crossover and Application Data is for Reference Purpose Only. No Other Conditions are Expressed or Implied.

Note: It is the Users Responsibility to Verify if the Replacement Cylinder is Interchangeable.

Note: In some applications, modifications may be required for proper cylinder installation.

Note: Bold / Highlighted Items are Standard Warehouse Cylinders.

Mcclain

1001154	SD96MC-8-384
1001155	SD96MC-5-456
1001156	SD96MC-8-480
1001160	S85DC-40-250
1001163	S85DC-40-235
1002190	D62LB-4-80
1002191	D72LB-8-80
1002432	SD73DB-8-160
HCL6X58	D60DB-14-58
HCL6X78	D60CC-26-78
HCL6X108	D60DB-12-108
HCL7X78	D70CC-7-78
HCL7X115	D70DB-2-115
HCL72X77	SD72DB-2-76
HCL73X115	SD73DB-8-115
HCL85X235	S85DC-40-235
HCL85X236	SD85CC-24-236
HCL85X250	S85DC-40-250
HCL85X384	SD85MC-21-384
HCL95X303	SD85CC-24-304
HCL96X384	SD96MC-8-384
HCL96X456	SD96MC-5-456
HCL96X480	SD96MC-5-480
MMH1501000	SD72DB-2-76
MMH1601000	D60CC-26-78

Mcclain Ez Pack (Clean Earth)

20-35489	SD94CC-7-176
20-35883	D30DD-7-21.12
20-35908	D40DL-2-30.38
20-36393	D40DD-10-21.62
20-39032	SD94CC-7-176
20-41381	D40CB-7-42
20-42616	SD94CC-7-176
20-43726	D40DB-3-28.5
20-43727	D40DB-3-28.5
20-44095	D60DC-7-42.62
20-44125	D40LB-1-35.31
20-44969	D40DB-3-28.5
20-44973	D60DC-7-42.62
20-45169	D40LB-1-35.31
20-45450	D60DB-16-67.5
20-46008	D25DD-3-63
20-46012	D35LD-2-16.5
20-46076	D40DB-3-28.5
20-46077	D60DC-7-42.62
20-46119	D45CD-3-49.12
20-46139	D60DB-16-67.5
20-46141	D25DD-3-63
20-46142	D35LD-2-16.5
20-46151	D30DD-7-21.12
20-46152	D35DL-2-26.31
20-46153	D40DL-2-30.38
20-46155	D40DD-10-21.62
20-46159	D40CB-7-42
20-46163	D45CD-3-49.12
20-46171	D45CD-3-49.12
20-46249	D40LB-1-35.31
20-46332	D60DC-8-60
20-46372	D40DB-3-28.5
20-47048	D30LD-2-33.38
20-47088	D40CB-7-42
20-47090	D40LB-1-35.31
20-47091	D40DB-3-28.5
20-47092	D60DC-7-42.62
20-47491	D30DD-7-21.12
20-47492	D40DL-2-30.38
20-47868	D35LD-3-23.25
20-48279	D60DC-7-42.62
20-48280	D40DB-3-28.5
20-49348	D30DD-9-23
20-48496	SD94CC-7-176
20-48519	D55CC-3-49.13
20-48520	D30DD-4-89
20-48524	D40LD-2-16.5
20-48858	D35DB-2-14.25
20-49142	D60DB-16-67.5
20-49271	D35LD-2-16.5

Mcclain Ez Pack (Clean Earth)

20-49272	D35LD-3-23.25
20-49273	D45CD-3-49.12
20-49276	D35LD-2-16.5
20-49277	D45CD-3-49.12
20-49278	D35LD-3-23.25
20-49480	D60DB-16-67.5
20-49774	D55CC-2-38.31
20-49775	D40CC-16-24.81
20-49897	D40DB-3-28.5
20-49898	D60DC-7-42.62
20-49952	D35LD-2-16.5
20-49999	D35LD-2-16.5
20-50000	D35LD-3-23.25
20-52344	D45CD-3-49.12
20-52345	D35LD-2-16.5
20-52346	D35LD-3-23.25
20-52347	D30LD-2-33.38
20-52348	D30DD-4-89
20-52349	D60DB-16-67.5
20-52355	D55CC-3-49.13
20-52356	D40LD-2-16.5
20-52357	D40DD-10-21.62
20-52362	D25DD-3-63
21-01365	SD62CC-23-70
21-01366	SD62CC-23-81
21-01367	SD62CC-23-92
21-01368	SD63CC-28-124
21-01369	SD74CC-13-162.88
21-01370	SD62CC-24-82.5
21-01371	SD62CC-24-96.5
21-01372	SD63CC-27-129
21-01374	SD74CC-15-167.50
21-01375	SD52CC-25-68.5
21-01376	SD52CC-25-82.5
21-01377	SD52CC-25-96.5
21-01378	SD53CC-30-129
21-01381	SD52CC-25-92.5
21-01382	SD53CC-30-117.25
21-01438	S63DC-54-79.31
21-01492	S53DC-18-64.75
21-01530	D60DC-7-42.62
21-01531	D40DB-3-28.5
21-01532	D40LB-1-35.31
21-01549	D30DL-1-18.5
21-01629	S31LC-1-28.56
21-01630	D30DD-7-21.12
21-01631	D40DL-2-30.38
21-01632	S31CC-24-23.56
21-01633	SD53CC-29-91.50
21-01634	D30DD-6-18
21-01635	D35DL-2-26.31
21-01644	S52DB-7-53.62
21-01646	S31LC-2-27.5
21-01647	D35CD-6-24.81
21-01648	D45CC-3-38.31
21-01765	SD63CC-27-129
21-01819	S53DB-9-82
21-01883	D40CC-16-24.81
21-01947	D30LC-2-31.5
21-01954	D55CC-2-38.31
21-01987	SD63CB-12-197
21-02112	S53DB-9-92
21-02113	S53DB-9-71
21-02220	D40DB-3-25.62
21-02610	D40DB-3-25.62
21-02804	D30DL-2-15.375
21-02830	D60DC-8-60
21-02832	D40CB-7-42
21-02833	D35DB-2-14.25
21-03153	D40LD-3-24.75
21-03228	D50CB-3-42
21-03390	D45LD-6-24
21-03471	D35DL-2-26.31
21-03472	D40DL-2-30.38
21-03854	SD52CB-6-132.75
21-03855	D35CD-7-51.31
21-03856	D30CD-7-24.75
21-03857	D25DD-4-24

Mcclain Ez Pack (Clean Earth)

21-04533	D30DD-9-23
21-04536	SD63CB-12-132
21-04537	SD63CB-12-167
21-04538	SD63CB-12-197
21-04945	D30DD-9-23
21-05358	D45CD-2-49.12
21-06096	SD63CB-13-167
21-06097	SD63CB-13-197
21-06343	D45CD-2-51.31
21-07434	D30LD-4-24
21-07940	D60DB-16-67.5
21-09213	D40LD-4-21.75
21-09214	D45LD-5-21.75
21-09228	D40LD-5-24.75
21-09229	D45LD-6-24
21-10044	D40LD-6-24.75
21-10661	D50CB-6-40
21-11441	SD52CB-8-132.75
21-12474	D60DB-16-67.5
21-12851	D55CC-3-49.13
21-14634	D40CC-16-24.81
21-14635	D55CC-2-38.31
21-14636	D30LC-2-31.5
21-14637	SD62CC-24-82.5
21-14638	SD62CC-24-96.5
21-14639	SD63CC-27-129
21-14643	SD74CC-15-167.50
21-14653	D45CC-3-38.31
21-14654	SD52CC-25-68.5
21-14655	SD52CC-25-82.5
21-14656	SD52CC-25-96.5
21-14657	SD53CC-30-129
21-14658	D45CD-3-28.5
21-14659	D60DC-7-42.62
21-14660	D40LB-1-35.31
21-14661	D40DB-3-25.62
21-14662	SD74CC-13-162.88
21-14663	SD63CC-28-124
21-14664	SD62CC-23-92
21-14665	SD62CC-23-81
21-14666	SD62CC-23-70
21-14667	D60DC-8-60
21-14668	D30DL-2-15.375
21-14670	D30DD-7-21.12
21-14671	D40DL-2-30.38
21-14672	S31LC-1-28.56
21-14673	SD53CC-30-117.25
21-14675	D30DD-6-18
21-14676	D35DL-2-26.31
21-14677	S31CC-24-23.56
21-14678	SD53CC-29-91.50
21-14679	D40LD-6-24.75
21-15639	D55CC-3-49.13
21-15640	D45LD-6-24
21-15641	D45CD-2-49.12
21-15642	D40LD-5-24.75
21-15643	D35CD-7-51.31
21-15644	D30LD-2-33.38
21-15645	D45CD-2-51.31
21-15646	D30DD-4-89
21-15647	D30DD-9-23
21-15648	D50CB-3-42
21-15770	SD63CB-12-167
21-15771	SD63CB-13-167
21-15772	SD63CB-12-197
21-15773	SD63CB-12-132
21-15774	D45LD-5-21.75
21-15775	D40LD-4-21.75
21-15776	D25DD-4-24
21-15777	SD52CB-8-132.75
21-16048	SD52CB-6-132.75
70-1010	SD85CC-20-156
70-1032	SD62CC-20-82
70-1114	S63DC-54-79.31
70-1235	SD85CC-20-156
70-1251	SD85CC-19-378
70-1259	S53DC-16-80.75
70-1276	SD53CC-29-91.50

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Note: In some applications, modifications may be required for proper cylinder installation.

Note: Bold / Highlighted Items are Standard Warehouse Cylinders.

Mcclain Ez Pack (Clean Earth)

70-1308	SD52CC-25-92.5
70-1309	SD53CC-30-117.25
70-1420	SD94CC-7-176
70-1422	SD74CC-13-162.88
70-1464	SD62CC-23-92
70-1465	SD63CC-28-124
70-1478	SD63CC-28-124
70-1487	S53DC-16-80.75
70-1488	S63DC-54-79.31
70-1499	S53DB-9-82
70-1503	SD94CC-7-176
70-1504	SD53CC-29-91.50
70-1506	SD52CC-25-92.5
70-1507	SD62CC-23-92
70-1508	SD74CC-13-162.88
70-1510	SD85CC-19-378
70-1511	SD62CC-20-82
70-1546	SD74CC-13-162.88
70-1547	SD62CC-23-92
70-1548	SD63CC-28-124
70-1549	SD85CC-19-378
70-1566	SD52CC-25-92.5
70-1567	S31LC-1-28.56
70-1574	SD94CC-7-176
70-1575	SD94CC-7-176
70-1577	SD53CC-30-117.25
70-1579	SD62CC-23-70
70-1592	SD63CB-12-167
70-1595	S31LC-2-27.5
70-1598	SD52CC-25-96.5
70-1599	SD53CC-30-129
70-1600	SD52CC-25-82.5
70-1601	SD63CB-12-132
70-1602	SD52CC-25-92.5
70-1612	SD52CC-25-68.5
70-1616	SD63CC-28-124
70-1617	SD62CC-23-81
70-1618	SD62CC-23-92
70-1619	SD63CB-12-167
70-1621	SD52CC-25-92.5
70-1622	SD52CC-25-96.5
70-1626	SD53CC-30-117.25
70-1627	SD63CB-12-132
70-1631	SD74CC-13-162.88
70-1632	SD85CC-19-378
70-1639	SD53CC-30-129
70-1653	S53DC-16-80.75
70-1659	S63DC-54-79.31
70-1660	S63DC-61-92
70-1670	S53DC-18-64.75
70-1674	SD52CC-25-68.5
70-1681	SD62CC-24-82.5
70-1682	SD62CC-24-96.5
70-1683	SD63CC-27-129
70-1685	SD74CC-15-167.50
70-1687	SD62CC-24-82.5
70-1688	SD62CC-24-96.5
70-1689	SD63CC-27-129
70-1691	SD74CC-15-167.50
70-1704	S31LC-1-28.56
70-1705	SD53CC-30-129
70-1706	SD63CC-27-129
70-1720	SD52CC-25-82.5
70-1722	S53DB-9-92
70-1725	SD74CC-15-167.50
70-1726	SD62CC-24-96.5
70-1727	SD63CC-28-124
70-1730	SD63CB-12-167
70-1731	SD63CB-12-132
70-1732	S53DC-16-80.75
30-00147	S63DC-61-92
2563ADA	D25DD-3-63
3021CDA	D30DD-7-21.12
3021GDA	D30DD-7-21.12
3516BDA	D35LD-2-16.5
4021EDA	D40DD-10-21.62
4028BDA	D40DB-3-28.5
4028CDA	D40DB-3-28.5

Mcclain Ez Pack (Clean Earth)

4028DA	D40DB-3-28.5
4030DA	D40DL-2-30.38
4030EDA	D40DL-2-30.38
4035CDA	D40LB-1-35.31
4035EDA	D40LB-1-35.31
4549DA	D45CD-3-49.12
5292DA	SD52CC-25-92.5
53117DA	SD53CC-30-117.25
5381B	S53DC-16-80.75
6042ADA	D60DC-7-42.62
6042DA	D60DC-7-42.62
6067DA	D60DB-16-67.5
6282DA	SD62CC-20-82
6292BDA	SD62CC-23-92
6292DA	SD62CC-22-92
63124BDA	SD63CC-28-124
63124DA	SD63CC-28-124
63124DDA	SD63CC-28-124
6380	S63DC-54-79.31
74162DA	SD74CC-13-162.88
85378DA	SD85CC-19-378
94176CDA	SD94CC-7-176
94176DA	SD94CC-7-176
94176HDA	SD94CC-7-176
104176ADA	SD94CC-7-176
C2523E	S31CC-24-23.56
C2524ADA	D25DD-4-24
C3015HDA	D30DL-2-15.375
C3018HDA	D30DD-6-18
C3021MDA	D30DD-7-21.12
C3023GDA	D30DD-9-23
C3031DDA	D30LC-2-31.5
C3033EDA	D30LD-2-33.38
C3089BDA	D30DD-4-89
C3128G	S31LC-1-28.56
C3128K	S31LC-1-28.56
C3526PDA	D35DL-2-26.31
C3551BDA	D35CD-7-51.31
C4022CDA	D40LD-4-21.75
C4025MDA	D40CC-16-24.81
C4025NDA	D40DB-3-25.62
C4025PDA	D40LD-6-24.75
C4025RDA	D40LD-5-24.75
C4028MDA	D40DB-3-28.5
C4030MDA	D40DL-2-30.38
C4035MDA	D40LB-1-35.31
C4522LOA	D45LD-5-21.75
C4525BDA	D45LD-6-24
C4538DDA	D45CC-3-38.31
C4549NDA	D45CD-2-49.12
C4551EDA	D45CD-2-51.31
C5042BDA	D50CB-3-42
C52133BDA	SD52CB-8-132.75
C52133CDA	SD52CB-6-132.75
C5269CDA	SD52CC-25-68.5
C5269EDA	SD52CC-25-68.5
C5283BDA	SD52CC-25-82.5
C5283EDA	SD52CC-25-82.5
C5292FDA	SD52CC-25-92.5
C5297CDA	SD52CC-25-96.5
C5297EDA	SD52CC-25-96.5
C53117EDA	SD53CC-30-117.25
C53117JDA	SD53CC-30-117.25
C53129CDA	SD53CC-30-129
C53129EDA	SD53CC-30-129
C5365K	S53DC-18-64.75
C5381K	S53DC-16-80.75
C5390A	S53DB-9-92
C5391EDA	SD53CC-29-91.50
C5538DDA	D55CC-2-38.31
C5549CDA	D55CC-3-49.13
C6042MDA	D60DC-7-42.62
C6060DDA	D60DC-8-60
C6270BDA	SD62CC-23-70
C6281BDA	SD62CC-23-81
C6282DA	SD62CC-20-82
C6283BDA	SD62CC-24-82.5
C6283DDA	SD62CC-24-82.5

Mcclain Ez Pack (Clean Earth)

C6292BDA	SD62CC-23-92
C6292HDA	SD62CC-23-92
C6292KDA	SD62CC-23-92
C6297BDA	SD62CC-24-96.5
C6297CDA	SD62CC-24-96.5
C6297FDA	SD62CC-24-96.5
C63124HDA	SD63CC-28-124
C63124JDA	SD63CC-28-124
C63124MDA	SD63CC-28-124
C63129BDA	SD63CC-27-129
C63129CDA	SD63CC-27-129
C63129FDA	SD63CC-27-129
C63133ADA	SD63CB-12-132
C63133EDA	SD63CB-12-132
C63167BDA	SD63CB-12-167
C63167HDA	SD63CB-12-167
C63167JDA	SD63CB-13-167
C63198DDA	SD63CB-12-197
C6380R	S63DC-54-79.31
C6392J	S63DC-61-92
C74162DDA	SD74CC-13-162.88
C74162EDA	SD74CC-13-162.88
C74168BDA	SD74CC-15-167.50
C74168DDA	SD74CC-15-167.50
C74168FDA	SD74CC-15-167.50
C85378DDA	SD85CC-19-378
C104176CDA	SD94CC-7-176
D2563BDA	D25DD-3-63
D3021GDA	D30DD-7-21.12
D3021HDA	D30DD-7-21.12
D3023BDA	D30DD-9-23
D3033ADA	D30LD-2-33.38
D3089DA	D30DD-4-89
D3127A	S31LC-2-27.5
D3128D	S31LC-1-28.56
D3514CDA	D35DB-2-14.25
D3516CDA	D35LD-2-16.5
D3516GDA	D35LD-2-16.5
D3516JDA	D35LD-2-16.5
D3516KDA	D35LD-2-16.5
D3523BDA	D35LD-3-23.25
D3523DA	D35LD-3-23.25
D3526JDA	D35DL-2-26.31
D4016DA	D40LD-2-16.5
D4021EDA	D40DD-10-21.62
D4021JDA	D40DD-10-21.62
D4025ADA	D40CC-16-24.81
D4028DDA	D40CB-3-28.5
D4028EDA	D40DB-3-28.5
D4028FDA	D40DB-3-28.5
D4028GDA	D40DB-3-28.5
D4028KDA	D40DB-3-28.5
D4030EDA	D40DL-2-30.38
D4030FDA	D40DL-2-30.38
D4035HDA	D40LB-1-35.31
D4035JDA	D40LB-1-35.31
D4042BDA	D40CB-7-42
D4042CDA	D40CB-7-42
D4549ADA	D45CD-3-49.12
D4549BDA	D45CD-3-49.12
D4549DDA	D45CD-3-49.12
D4549EDA	D45CD-3-49.12
D5269BDA	SD52CC-25-68.5
D5283ADA	SD52CC-25-82.5
D5292CDA	SD52CC-25-92.5
D5292DDA	SD52CC-25-92.5
D5292EDA	SD52CC-25-92.5
D5297ADA	SD52CC-25-96.5
D53117DDA	SD53CC-30-117.25
D53129ADA	SD53CC-30-129
D53129BDA	SD53CC-30-129
D5381G	S53DC-16-80.75
D5382C	S53DB-9-82
D5391ADA	SD53CC-29-91.50
D5538ADA	D55CC-2-38.31
D5549DA	D55CC-3-49.13
D6042BDA	D60DC-7-42.62
D6042CDA	D60DC-7-42.62

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Note: In some applications, modifications may be required for proper cylinder installation.

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Mcclain Ez Pack (Clean Earth)

D6042DDA	D60DC-7-42.62
D6042HDA	D60DC-7-42.62
D6060DA	D60DC-8-60
D6067ADA	D60DB-16-67.5
D6067BDA	D60DB-16-67.5
D6067EDA	D60DB-16-67.5
D6270DA	SD62CC-23-70
D6281DA	SD62CC-23-81
D6282FDA	SD62CC-20-82
D6283ADA	SD62CC-24-82.5
D6292CDA	SD62CC-23-92
D6292EDA	SD62CC-23-92
D6297ADA	SD62CC-24-96.5
D63124FDA	SD63CC-28-124
D63124HDA	SD63CC-28-124
D63129ADA	SD63CC-27-129
D63133DA	SD63CB-12-132
D63167DA	SD63CB-12-167
D6380L	S63DC-54-79.31
D74162ADA	SD74CC-13-162.88
D74162BDA	SD74CC-13-162.88
D74168ADA	SD74CC-15-167.50
D85378BDA	SD85CC-19-378
D85378CDA	SD85CC-19-378
D104176CDA	SD94CC-7-176
D104176DDA	SD94CC-7-176
H104176ADA	SD94CC-7-176
J3516HDA	D35LD-2-16.5
J4549FDA	D45CD-3-49.12
K2523D	S31CC-24-23.56
K2524DA	D25DD-4-24
K2563EDA	D25DD-3-63
K3015GDA	D30DL-2-15.375
K3018FDA	D30DL-1-18.5
K3018GDA	D30DD-6-18
K3021LDA	D30DD-7-21.12
K3023DDA	D30DD-9-23
K3023EDA	D30DD-9-23
K3025BDA	D30CD-7-24.75
K3025CDA	D30LD-4-24
K3031CDA	D30LC-2-31.5
K3033DDA	D30LD-2-33.38
K3089ADA	D30DD-4-89
K3127E	S31LC-2-27.5
K3128J	S31LC-1-28.56
K3514DDA	D35DB-2-14.25
K3516LDA	D35LD-2-16.5
K3523FDA	D35LD-3-23.25
K3525GDA	D35CD-6-24.81
K3526LDA	D35DL-2-26.31
K3526NDA	D35DL-2-26.31
K3549CDA	D35CD-7-51.31
K3551ADA	D35CD-7-51.31
K4016FDA	D40LD-2-16.5
K4021NDA	D40DD-10-21.62
K4022BDA	D40LD-4-21.75
K4025FDA	D40CC-16-24.81
K4025GDA	D40DB-3-25.62
K4025JDA	D40LD-3-24.75
K4025KDA	D40LD-5-24.75
K4025LDA	D40LD-6-24.75
K4028LDA	D40DB-3-28.5
K4030JDA	D40DL-2-30.38
K4030LDA	D40DL-2-30.38
K4035LDA	D40LB-1-35.31
K4042DDA	D40CB-7-42
K4522KDA	D45LD-5-21.75
K4525ADA	D45LD-6-24
K4525DA	D45LD-6-24
K4538FDA	D45CC-3-38.31
K4549LDA	D45CD-3-49.12
K4549MDA	D45CD-2-49.12
K4551CDA	D45CD-2-51.31
K5040ADA	D50CB-6-40
K5040BDA	D50CB-6-40
K5042ADA	D50CB-3-42
K52133ADA	SD52CB-8-132.75
K52133DA	SD52CB-6-132.75

Mcclain Ez Pack (Clean Earth)

K5253A	S52DB-7-53.62
K5269DDA	SD52CC-25-68.5
K5283DDA	SD52CC-25-82.5
K5292GDA	SD52CC-25-92.5
K5297DDA	SD52CC-25-96.5
K53117HDA	SD53CC-30-117.25
K53129DDA	SD53CC-30-129
K5365B	S53DC-18-64.75
K5365CDA	S53DC-21-65
K5371J	S53DB-9-71
K5381N	S53DC-16-80.75
K5381XDA	S53DC-21-81
K5382V	S53DB-9-82
K5390B	S53DB-9-92
K5391CDA	SD53CC-29-91.50
K5538CDA	D55CC-2-38.31
K5549ADA	D55CC-3-49.13
K5549BDA	D55CC-3-49.13
K6042LDA	D60DC-7-42.62
K6060CDA	D60DC-8-60
K6067GDA	D60DB-16-67.5
K6067HDA	D60DB-16-67.5
K6067JDA	D60DB-16-67.5
K6270ADA	SD62CC-23-70
K6281ADA	SD62CC-23-81
K6283CDA	SD62CC-24-82.5
K6292JDA	SD62CC-23-92
K6297DDA	SD62CC-24-96.5
K63124LDA	SD63CC-28-124
K63129DDA	SD63CC-27-129
K63129EDA	SD63CC-27-129
K63133CDA	SD63CB-12-132
K63133DDA	SD63CB-12-132
K63167DDA	SD63CB-12-167
K63167FDA	SD63CB-12-167
K63167GDA	SD63CB-13-167
K63198ADA	SD63CB-12-197
K63198BDA	SD63CB-12-197
K63198CDA	SD63CB-13-197
K6380U	S63DC-54-79.31
K6392N	S63DC-61-92
K6499ADA	S64DC-11-99
K74162CDA	SD74CC-13-162.88
K74168EDA	SD74CC-15-167.50

Mcneilus (Mtm)

0085219	B3394
0107559	C4219
0126158	S63DC-75-66
0126248	B6225
0126256	B6231
0189975	B6185
0189976	B6181
0601930	C4217
0604124	D4145
0604126	D4210
0604134	D4172
0604135	D4171
0604136	D4190
0604137	SD74DC-7-119
0604138	SD85DC-7-163
0604139	SD63DC-CP293-71
0604142	SD63DC-7-88
0604143	D4291
0604144	D4292
0604145	D4266
0604146	D4265
0604976	D4541
0605700	B5473
0605702	B5806
0605951	B6190
0605952	B6191
0606950	C3847
0606953	B5347
0606956	SD74DC-CP410-104
0606960	C3850
0606967	SD63DC-CP507-82
0606969	SD63DC-7-61

Mcneilus (Mtm)

0614333	D35CC-16-26
0614371	B4388
0614374	D5820
0615860	C4539
0615862	S64DB-CP319-73
0617862	B4708
0619881	C5219
0619882	C5220
0619891	B5788
0633832	S75DB-CP394-86
0633849	B6310
0635876	B5489
0636002	S74DC-70-84
0637007	D30CD-11-21.25
0637008	D50DD-23-52.75
0637009	B6019
0637010	D25LL-8-38
0638264	B6387
0642850	B5427
0642852	S53DB-7-63
0651550	D62LB-5-80
0654696	B6071
0660009	B6347
0660776	SD53DD-CP592-170
0660777	B6178
0660778	B6151
0660781	B6347
0661950	SD63CC-41-164
0661951	SD63CC-41-181
0663500	B6314
0672135	B6311
0673089	SD63DC-CP625-76
0673894	SD63DC-CP604-97
1000066	C5219
1000067	C5220
1000068	D35CC-16-26
1000069	B5788
1000074	B3394
1000077	B4388
1000078	C4542
1000081	D4145
1000092	C4539
1000094	B5489
1000095	B5427
1000153	B6185
1000154	B6181
1000158	B6178
1000160	B6151
1000161	B6019
1000166	D50DD-23-52.75
1100028	B6347
1100031	B6231
1100038	D4210
1100045	B6310
1100104	B6314
1100105	D25LL-8-38
1100106	B6387
1100116	D5820
1100117	B5806
1101709	D60CC-33-65.75
1102355	B6497
1103780	B6546
1103899	B6487
1103900	B6488
1104922	D50DD-21-39.50
1105118	B6591
1106169	S35CC-4-37
1106845	D40LD-3-24.75
1106846	D45CD-3-49.12
1106958	C3847
1107471	SD63CB-12-167
1107976	B5873
1107995	B5799
1107996	B5654
1108087	SD63DB-6-108
1108088	D30CL-3-18.44
1108089	D45CC-14-41.50
1108091	B5162

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Mcneilus (Mtm)

1108092	D55CC-6-63
1108093	D40CD-13-37
1108097	B5653
1108101	C4438
1108102	D50DC-3-45
1108103	D30CL-2-25.25
1108104	D55DB-2-63
1108107	D45CC-15-41.50
1108108	B5655
1108110	B5653
1108220	B6622
1108292	D4266
1108392	S53MC-38-166
1108626	B6642
1108973	D60BC-2-30.31
1109037	SD53CC-38-182
1109039	SD53CC-38-182
1109095	B5866
1109096	B5654
1109097	B5655
1109279	B5654
1109305	SD63CC-39-167
1109306	D35CD-7-51.31
1109307	D30LD-4-24
1109314	SD64DC-3-145
1109318	SD63DC-71-101
1109612	D40CL-2-39.38
1109698	D30CA-2-3.62
1109699	D60DB-7-72
1109700	D70LN-2-80
1130000	SD63CC-41-164
1130001	SD63CC-41-181
1130015	B5653
1130638	D40CD-14-25
1130640	D30CC-13-21.62
1130642	B5873
1130728	B5799
1130729	B5653
1131210	D40CD-8-22
1131389	D40DB-3-28.5
1131393	C3563
1131703	B5654
1131704	B5866
1131705	B5873
1132628	SD53CC-37-168
1132629	D20DD-4-6.25
1132630	D20DD-3-67
1132770	B5866
1132771	B5654
1132774	B5799
1132775	B5653
1136596	S35CC-3-24.38
1136598	D30CC-16-30.50
1136602	C3603
1136603	C3875
1136607	SD53CC-38-151.5
1136608	SD63DB-6-93
1136610	SD63DB-7-132
1136612	SD74DB-4-171
1136622	SD63CC-28-124
1137329	D55CC-7-24
1138456	D45CD-2-51.31
1138697	SD63CB-12-197
1139663	D40LD-5-24.75
1139665	D60DC-7-42.62
1140624	SD63CC-41-164
1140625	SD63CC-41-181
1141048	B5654
1141057	B5873
1144606	SD63CC-11-96
1144707	C5220
1145649	B6622
1145650	D20DD-3-67
1146255	D60DB-16-67.5
1148322	C3850
1149084	D40DD-16-22.50
1149547	D25LL-12-16
1149552	D35CD-10-20

Mcneilus (Mtm)

1149553	D40DD-17-42
1149557	D40DD-19-22.50
1149965	D25LD-3-66
1149966	D40CD-9-21.50
1149967	D25LD-3-94
1150054	SD86CC-2-177
1150058	SD63CD-1-177
1150061	S52DC-7-88
1151216	D25LL-15-84
1151217	D25LL-14-42
1151221	D60DD-14-79
1151222	D70DD-6-79
1151223	H3121
200.107529	C3686
200.107530	C3241-4
200.107559	C4219
200.126248	B6225
200.126256	B6231
200.126257	B6236
200.150369	B5134
200.15940	D4048
200.16397	D60CC-34-35
200.16418	D60CC-29-35
200.189975	B6185
200.189976	B6181
200.189977	B6297
200.85219	B3394
9070.126158	S63DC-75-66
9070.614333	D35CC-16-26
9070.633849	B6310
9070.638264	B6387
9070.640899	B4874
9070.644183	D45DD-7-34.50
9070.644203	B5899
9070.651550	D62LB-5-80
9070.654695	D62LB-5-80
9070.654696	B6071
9070.654697	D72LB-9-80
9070.654698	B5043
9070.670032	SD74DC-CP615-138
9070.670032	SD74DC-CP615-138
9072.601028	D4143
9072.601029	D4143
9072.601048	D3784
9072.601492	D4106
9072.601930	C4217
9072.601940	C4040
9072.602556	D4143
9072.604134	D4172
9072.604137	SD74DC-7-119
9072.604142	SD63DC-7-88
9170.604123	B4227
9170.604128	S63DC-CP118-77
9170.605700	B5473
9170.614371	B6151
9170.615860	C4539
9170.619880	B4662
9170.619884	C4542
9170.631567	D35LD-4-20
9170.633832	S75DB-CP394-86
9170.637007	D30CD-11-21.25
9170.638476	B6291
9170.642852	S53DB-7-63
9170.660012	B6152
9170.660776	SD53DD-CP592-170
9170.660778	B6151
9172.604147	B4388
9180.651550	D62LB-5-80
9270.604124	D4145
9270.604126	D4210
9270.604131	SD63DC-7-80
9270.604132	SD74DC-9-109
9270.604137	SD74DC-7-119
9270.604138	SD85DC-7-163
9270.604139	SD63DC-CP293-71
9270.604142	SD63DC-7-88
9270.606950	C3847
9270.606956	SD74DC-CP410-104

Mcneilus (Mtm)

9270.606967	SD63DC-CP507-82
9270.606969	SD63DC-7-61
9270.614374	D5820
9270.615860	C4539
9270.615861	C4543
9270.615862	S64DB-CP319-73
9270.632568	B5056
9270.635876	B5489
9270.636002	S74DC-70-84
9270.642633	B6349
9270.663500	B6314
9270.673088	SD52DC-CP627-55
9270.673089	SD63DC-CP625-76
9270.673894	SD63DC-CP604-97
9272.604120	D4195
9272.604121	D4131
9272.604123	B4227
9272.604124	D4145
9272.604125	C4133
9272.604126	D4210
9272.604127	C5220
9272.604128	S63DC-CP118-77
9272.604142	SD63DC-7-88
9370.601930	C4217
9370.601940	C4040
9370.604124	D4145
9370.604125	C4133
9370.604127	C5220
9370.604130	C4217
9370.604136	D4190
9370.605700	B5473
9370.605701	B5387
9370.605702	B5806
9370.605909	B6014
9370.606953	B5347
9370.618926	B5809
9370.618927	B5810
9370.619881	C5219
9370.619882	C5220
9370.632570	D20LL-4-17.50
9370.637009	B6019
9370.637010	D25LL-8-38
9370.640889	C4500
9370.672005	B6311
9370.672135	B6311
9370.914365	C5219
9430.615861	C4543
9430.661950	SD63CC-41-164
9430.661951	SD63CC-41-181
9470.601028	D4143
9470.601029	D4143
9470.601048	D3784
9470.602556	D4143
9470.604048	D3784
9470.604124	D4145
9470.604134	D4172
9470.604135	D4171
9470.604143	D4291
9470.604144	D4292
9470.604145	D4266
9470.604146	D4265
9470.605951	B6190
9470.605952	B6191
9470.606690	C3850
9470.606950	C3847
9470.606953	B5347
9470.606960	C3850
9470.630861	D4596
9470.637008	D50DD-23-52.75
9470.640884	C4621
9470.640886	C4536
9570.604120	D4195
9570.604121	D4131
9570.614333	D35CC-16-26
9570.614366	D4496
9570.614380	B5788
9570.617862	B4708
9570.618928	B5780

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Note: In some applications, modifications may be required for proper cylinder installation.

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Mcneilus (Mtm)

9570.618929	D45CC-7-46
9570.619836	D45CC-12-44
9570.619876	D30CD-9-20
9570.619891	B5788
9570.619980	B5864
9570.619985	D4522
9570.640887	C4484
9570.640896	C4619
9570.643701	B5495
9570.643704	B5072
9570.643705	D35DD-1-17.88
9570.643706	B5429
9570.643708	D30DD-12-9.12
9570.643710	B5899
9570.660009	B6347
9570.660777	B6178
9570.660781	B6347
9572.601691	B5806
9572.604129	D4106
9770.615862	S64DB-CP319-73
9770.640888	S53DB-7-63
9830.620243	SD63DC-71-81
9830.620509	D60BC-2-27.81
9830.620698	D60DC-11-30.50
9870.620505	D50CB-9-32.50
9870.620568	D60BC-2-30.31
9870.620569	C3810
9870.620645	D50CB-8-27
9870.620695	D60DC-10-30.50
9870.622401	C3872
9870.622402	C3878
9870.623499	D60CF-3-32.38
9870.623992	D60CF-2-57
9870.623999	D40CL-2-39.38
9872.622234	D40CD-9-24
9872.622235	D50CE-2-43.75
9872.622239	SD53CC-25-106
9872.622251	C3847
9872.623427	SD75OO-2-113
9872.623428	SD86OO-1-146
9872.623445	SD86CC-1-171
9872.623446	SD85CC-15-125
9872.623447	SD84CC-11-104
9872.623473	S21LL-2-1.5
9872.624071	D3812
9872.624073	SD74CC-11-131
9872.627004	D60DB-16-67.5
9880.623829	SD64CC-7-132
9970.601691	B5806
9970.604129	D4106
9970.604129A	B5473
9970.604975	C4750
9970.604976	D4541
9970.604129B	B5473

Pak-Mor Mfg

080121	SD52DC-12-119
2000102	SD52DC-12-119
2001102	SD52DC-12-140
2001103	SD84MC-18-152
2001105	SD84MC-18-176
2001106	SD85MC-15-220
2001108	SD84MC-19-285
2001109	SD84MC-19-340
2001110	SD84MC-20-406
2001111	SD85MC-16-220
2001112	SD84MC-21-176
2001113	SD84MC-21-152
2001114	SD84MC-23-406
2001115	SD95MC-5-220
2001116	SD95MC-6-220
2001120	SD95MC-6-220
2001125	SD52DC-12-119
2001126	SD52DC-12-140
2001183	SD53CC-35-189
4148000	D60CB-5-26
4148022	D50DB-13-24
4148023	D50DL-2-42

Pak-Mor Mfg

4148037	D60CL-2-40
4148044	D60CB-5-47
4149004	D50CD-3-43.12
4149065	D35LL-9-30
4149067	D35LL-9-38
4149071	D40CD-12-28
4149073	D30LL-7-26.50
4149075	D45DC-2-36
4149110	D35CL-2-12
4149111	D40CL-4-12
4149112	D25CL-2-12
4149131	D25LL-13-90

Palmer Machine

8-4-148	S84DC-40-148
8-4-152 P	S84DC-40-148 CM20
8-4-156	S84DC-31-156
8-4-180	S84DC-40-180
8-4-188	S84DC-40-180 CM20
8-5-172	S85DC-51-160 CM18
8-5-190 P	S85DC-40-190
8-5-220	S85DC-40A-220

Peabody Galion (Godwin)

21-11903	S64DC-11-99
21-11904	S53DC-21-81
21-11905	S53DC-21-65
21-15649	S53DC-21-81
30-00197	SD53MC-4-81
30-00198	SD63MC-10-108
30-00199	S63MC-21-108
30-00200	SD63MC-10-128
30-00201	S63MC-21-128
30-00202	SD73MC-1-126
30-00203	S73MC-6-126
30-00204	SD73MC-1-142
30-00205	S73MC-6-142.12
30-00207	S74MC-8-167
30-00218	SD63DC-9-100.25
30-00239	SD63MC-10-153
30-00261	SD73DC-5-120
30-00591	SD73DC-5-138.75
31-00078	S73DC-59-125
31-00080	S63MC-21-80
31-00135	SD63DC-11-120
31-00144	SD63DC-12-100
31-00154	S63DC-69-125
31-00156	S53DC-60-71
31-00158	S73MC-7-126
31-00159	SD74DB-4-171
31-00214	S53MB-5-74
31-00215	S53MB-5-90
31-00216	S42MB-7-50
31-00217	S43MB-1-75
31-00363	S73MC-7-142.12
31-00392	SD73MC-2-126
31-00462	S73DC-59-142
70-1003	S42MB-6-50
70-1004	S53MB-5-74
70-1006	S43MB-1-75
70-1022	S63DC-60-92
70-1023	S84DC-40-188
70-1031	S53MB-5-90
70-1040	S85DC-40A-220
70-1041	S74DC-60-139.75
70-1049	S85DC-40A-220
70-1052	S85DC-40A-220
70-1061	S74DC-40A-120
CM38	
70-1112	S53DC-60-71
70-1113	S53DC-60-81
70-1115	S63DC-60-106
70-1116	S63DC-60-125
70-1117	S73DC-60-103
70-1118	S73DC-60-125
70-1119	S74DC-60-165.75
70-1121	S84DC-60-140
70-1122	S84DC-60-161

Peabody Galion (Godwin)

70-1124	S85DC-40-197
70-1125	S95DC-40-190
70-1126	S95DC-40-220
70-1127	S95DC-40-250
70-1262	S53MB-5-90
70-1263	S53MB-5-74
70-1271	S73DC-60-142
70-1272	S63DC-60-92
70-1328	S73DC-60-79.12
70-1379	S53DC-60-71
70-1397	S43MB-1-75
70-1431	S53MB-5-90
70-1453	S84DC-60-161
70-1479	S43MB-1-75
70-1480	S53MB-5-74
70-1481	S53MB-5-90
70-1482	S53DC-60-81
70-1483	S63DC-60-92
70-1484	S63DC-60-106
70-1485	S63DC-60-125
70-1486	S73DC-60-125
70-1490	S63DC-60-79.12
70-1492	S73DC-60-103
70-1493	S73DC-60-142
70-1494	S74DC-60-165.75
70-1518	S42MB-6-50
70-1520	S53DC-60-108
70-1534	S73DC-60-125
70-1536	S84DC-60-140
70-1543	S84DC-60-161
70-1550	S53DC-60-108
70-1554	S73DC-60-142
70-1561	S63DC-60-92
70-1593	S73DC-60-142
70-1603	S63DC-60-106
70-1604	S63DC-60-125
70-1605	S73DC-60-103
70-1606	S73DC-60-125
70-1608	S74DC-60-165.75
70-1609	S84DC-60-140
70-1610	S84DC-60-161
70-1611	S73DC-60-125
70-1644	S74DC-60-139.75
70-1645	S73DC-60-125
70-1646	S73DC-60-103
70-1648	S63DC-60-125
70-1649	S63DC-60-92
70-1650	S63DC-60-106
70-1651	S74DC-60-165.75
70-1652	S84DC-60-161
70-1654	S53MB-5-90
70-1658	S63DC-60-79.12
70-1662	S53DC-60-71
70-1663	S84DC-60-140
70-1664	S53DB-9-71
70-1667	S53DB-9-71
70-1668	S53DB-9-82
70-1669	S73DC-60-142
70-1671	S53DC-60-81
70-1696	S42MB-6-50
70-1697	S43MB-1-75
70-1698	S53MB-5-74
70-1699	S53MB-5-90
70-1701	S53DC-60-108
70-1735	S53DC-60-81
70-1736	S63DC-60-79.12
70-1737	S63DC-60-106
70-1738	S63DC-60-125
70-1739	S63DC-60-92
70-1740	S73DC-60-103
70-1741	S73DC-60-125
70-1742	S73DC-60-142
70-1743	S74DC-60-165.75
70-1744	S74DC-60-139.75
70-1745	S84DC-60-140
70-1746	S84DC-60-161
4250-PG	S42MB-6-50
4374B	S43MB-1-75

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Note: In some applications, modifications may be required for proper cylinder installation.

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Peabody Galion (Godwin)

4374-G	S43MB-1-75
5371	S53DC-60-71
5371C	S53DC-60-71
5374A	S53MB-5-74
5374-G	S53MB-5-74
5381	S53DC-60-81
5389	S53MB-5-90
5389B	S53MB-5-90
5389E	S53MB-5-90
63108	S63DC-60-106
63128	S63DC-60-125
6380A	S63DC-60-79.12
6380G	S63DC-60-79.12
6392	S63DC-60-92
6392A	S63DC-60-92
73105	S73DC-60-103
73126-G	S73DC-60-125
73142A	S73DC-60-142
74120	S74DC-40A-120
CM38	
74140	S74DC-60-139.75
74167	S74DC-60-165.75
84140	S84DC-60-140
84164-G	S84DC-60-161
84188-G	S84DC-40-188
85204	S85DC-40-197
85220	S85DC-40A-220
95199	S95DC-40-190
95230	S95DC-40-220
95260	S95DC-40-250
C53108G	S53DC-60-108
C5371F	S53DC-60-71
C5371H	S53DB-9-71
C5381B	S53DC-16-80.75
C5381G	S53DC-16-80.75
C5381L	S53DC-60-81
C5381ZDA	S53DC-21-81
C5382D	S53DB-9-82
C5389J	S53MB-5-90
C63108M	S63DC-60-106
C63126M	S63DC-60-125
C6380P	S63DC-60-79.12
C6392H	S63DC-60-92
C73105G	S73DC-60-103
C73126D	S73DC-60-125
C73126J	S73DC-60-125
C73142D	S73DC-60-142
C73142F	S73DC-60-142
C74140G	S74DC-60-139.75
C74167F	S74DC-60-165.75
C84140H	S84DC-60-140
C84164F	S84DC-60-161
D4250B	S42MB-6-50
D4374D	S43MB-1-75
D53108	S53DC-60-108
D53108D	S53DC-60-108
D53108E	S53DC-60-108
D5371G	S53DB-9-71
D5374B	S53MB-5-74
D5381F	S53DC-60-81
D5389F	S53MB-5-90
D63108H	S63DC-60-106
D63108K	S63DC-60-106
D63128G	S63DC-60-125
D63128K	S63DC-60-125
D6380M	S63DC-60-79.12
D6392E	S63DC-60-92
D6392F	S63DC-60-92
D73105D	S73DC-60-103
D73105F	S73DC-60-103
D73126D	S73DC-60-125
D73126E	S73DC-60-125
D73126F	S73DC-60-125
D73126G	S73DC-60-125
D73142B	S73DC-60-142
D73142C	S73DC-60-142
D74167D	S74DC-60-165.75
D74167E	S74DC-60-165.75

Peabody Galion (Godwin)

D84140F	S84DC-60-140
D84140G	S84DC-60-140
D84162	S84DC-60-161
D84164C	S84DC-60-161
D84164E	S84DC-60-161
FD73-142A	S73DC-60-142
K4250E	S42MB-6-50
K4250F	S42MB-7-50
K4374G	S43MB-1-75
K4374H	S43MB-1-75
K5371	S53DC-60-71
K5374D	S53MB-5-74
K5374E	S53MB-5-74
K5381P	S53DC-60-81
K5381TDA	SD53MC-4-81
K5389K	S53MB-5-90
K5389L	S53MB-5-90
K63108N	S63DC-60-106
K63108PDA	SD63MC-10-108
K63108R	S63MC-21-108
K63108SDA	SD63DC-9-100.25
K63108VDA	SD63DC-12-100
K63128R	S63DC-60-125
K63128TDA	SD63MC-10-128
K63128U	S63MC-21-128
K63128WDA	SD63DC-11-120
K63128X	S63DC-69-125
K63153DA	SD63MC-10-153
K6380T	S63DC-60-79.12
K6380W	S63MC-21-80
K6392K	S63DC-60-92
K73105J	S73DC-60-103
K73126M	S73DC-60-125
K73126PDA	SD73MC-1-126
K73126R	S73MC-6-126
K73126SDA	SD73DC-5-120
K73126T	S73DC-59-125
K73126U	S73MC-7-126
K73126VDA	SD73MC-2-126
K73142G	S73DC-60-142
K73142HDA	SD73MC-1-142
K73142J	S73MC-6-142.12
K73142K	S73MC-7-142.12
K73142L	S73DC-59-142
K73142NDA	SD73DC-5-138.75
K74140H	S74DC-60-139.75
K74167	SD74DB-4-171
K74167G	S74DC-60-165.75
K74167J	S74MC-8-167
K84140J	S84DC-60-140
K84164G	S84DC-60-161

Perfection

375	M42DB-43-P
475	M52CB-43-P
5372V	S53DC-14-72 CM69
5388V	S53DC-14-84
53105V	S53DC-11-104
53120V	S53DC-11-120
6388V	S63DC-47-86
63105V	S63DC-47-107
63120A	S63DC-47-120
63A132V	S63DC-47-130
73A132	S73DC-41-129
85A195V	S85DC-40-190
85A235V	S85DC-40-235
A154781	S84DC-40-170
A154875	S84DC-40-170
A154877	S84DC-40-140
A154879	S85DC-40-170
A1553380000	M42DB-43-P
A1553420000	M52CB-43-P
A22275	S53DC-11-120
A24176	M42DB-43-P
A24976	M52CB-43-P
A27123	S63DC-47-107
A27134	S63DC-47-120
A29651	S53DC-11-104

Perfection

A29652	S53DC-11-120
A29732	S53DC-14-84
A29741	S63DC-47-86
A58627	S63DC-47-86
A59327	S74DC-40-135
A68577	S53DC-14-72 CM69
A68827	S84DC-40-170
A68829	S85DC-40-170
A68832	S95DC-40-220
A68835	S95DC-40-250
A68841	S84DC-40-140
A68859	S63DC-47-130
A69064	S73DC-40-120
A69066	S74DC-40A-120
A69067	S74DC-40-135
A69069	S85DC-40-170
A69070	S85DC-40-190
A69071	S85DC-40A-220
A69072	S85DC-40-235
A69073	S85DC-40-250
A76479	S73DC-41-129
A80314	S84DC-40-170
A92097	S95DC-40-190
A94464	S85DC-40-235
A98278	S84DC-40-170
A99108	S85DC-40-190

Pioneer Tarper

H7039	D20LL-7-24
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Prince

AA266	D35BB-1-60
AA730	D50DB-8-66
AC695	S31CB-1-32
AC702	D50DB-2-54
AC703	D50DB-8-66
AE694	D35BB-1-80
AG485	D50DB-12-54
AH314	SD63CC-23-167
AK154	D50DB-12-54
AK186	D50DB-8-66
AK190	D50DB-5-54
AT315	D70LN-2-108
AW330	B1043
AW331	B2460
AW332	B2455
AW333	B2461
J1335	D60DB-7-72
J1408	D40BB-2-80
M387	D35BB-1-80
R656	D60LN-2-80
S1062	SD62CB-12-94
S373	SD62CB-12-114
S587	D70LN-2-75
S588	D70LN-2-80
S589	D70LN-2-90
S590	D70LN-2-108
W582	D50DB-2-54

R/S Body (Godwin)

100586	S63DC-47-86 CM26
100602	S73DC-40-110 CM23
100610	S73DC-40-124 CM23
100628	S73DC-40-140 CM23
100630	S73DC-40-150 CM23
100651	S84DC-31-156 CM22
100655	S84DC-40-188 CM22
100659	S95DC-40A-300
CM22	
100661	S84DC-40-180 CM22
100665	S84DC-40-170 CM22
100859	S63DC-47-107 CM26
101055	S95DC-40-250 CM22

Rapid Rail

L10-00	B5799
L7-00	B5654
L8-00	B5653

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Rapid Rail

P2300	B5789
P23-00	B5873
T11-00	B5866

Rogers Mfg

00975	S64DB-6-135
00980	S42MB-5-60
01017	SD53DC-5-84
01018	S53DB-12-90
01038	S74DC-40-156
01050	S74DC-41-135

Rudco

P28-022	D62LB-5-80
P28-052	D72LB-9-80

Schwarze Industries

20931	S42MB-6-50
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Shu-Pak Refuse

808788	S63DC-42-82
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Skytop Brewster

082060-02-51	SD83CC-24-131
082060-02-54	SD83CC-24-132

Smart Truck Systems

800043	S53DB-14-78
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Somerset Welding

CY-2018 B60-18	D84DB-7-25
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Stagg C+O Dempster

4CC80284	D60DD-4-69
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Steco

68D1475	SD86CC-2-177
90015-1	S85MC-48-265

Tesco Williamsen

327-01-100	S42MB-3-90
327-01-103	S53MB-3-120
327-01-104	S63MB-9-120
327-01-106	S63MB-8-140
327-01-107	S74MB-3-154
327-01-108	S74MB-3-172
327-01-127	S74MB-5-167
4290VI	S42MB-3-90
53120VI	S53MB-3-120
63120VI	S63MB-9-120
63140VI	S63MB-8-140
74154VI	S74MB-3-154
74172VI	S74MB-3-172
WFMS-4290T	S42MB-3-90
WFMS-53120T	S53MB-3-120
WHP-53120VI	S53MB-3-120
WHP-63140VI	S63MB-8-140
WHP-74154VI	S74MB-3-154
WHP-74172VI	S74MB-3-172

Texas Hydraulics

HS5027048SF	D50CB-8-27
HS6034040SH	C3810
SA4037056LA-03	S35CC-4-37
TH6079064PA3	D60DD-14-79
TH6079064PA-03	D60DD-14-79
TH7079064PA-5	D70DD-6-79

Thiele

102-2-005-1	S42CC-12-40
102-2-010-1	S52CC-25-40

Ti Brook

701700320	S85DC-40-285
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Trailmobile

428-3-150	S85DC-40-190 CM53
428-3-151	S85DC-40A-220 CM65
428-3-156	S95DC-40-235 CM42
428-3-157	S95DC-40-250 CM42

Truxmore

P1023	SD84CC-20-144
P1027	SD84CC-20-178

Unit Rig

3001424	SD73DB-6-115
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Universal Handling

D002-6410	D4145
M609-4000	SD73GF-2-156

Vactor / Guzzler

1200334	S63DC-47-107
1201313	SD53MC-3-120
1201552	SD63DB-14-120
1202100	SD84MC-18-176
1202110	SD84MC-21-176

Wabash National

WC1392-2	S85DC-40-190
WC1392-3	S84DC-40-148

Walinga

64-16622-6	S85DC-40A-220
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Waltco

21147-5000	D55CB-7-40.50
21162-5000	D40CB-8-21
21198-5000	D55CB-7-40.50
21203-5000	D40CB-8-21
98036	D30LD-6-28.62

Ward

5044-165	S74DC-40-161
5054-170	S85DC-40-170
5054-190	S85DC-40-190
5054-220	S85DC-40A-220
5054-235	S85DC-40-235

Warren Inc

FHC-50166	S84DC-40-170
FHC-50167	S85DC-40-190
FHC-50168	S85DC-40A-220
FHC-50169	S85DC-40A-220
FHC-50171	S85DC-40-250
FHC-50172	S85DC-40A-265
FHC-50191	S84DC-40-180

Wittke Waste

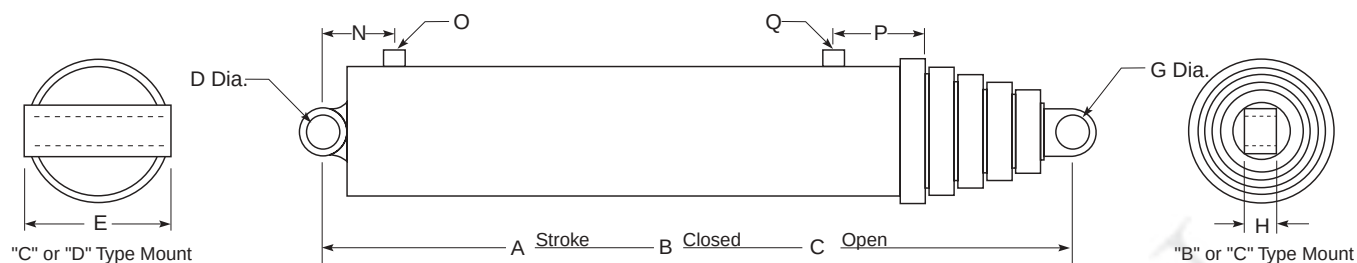
010-9900	D25LL-9-36
010-9901	D25LL-14-42
010-9902	D25LL-15-84
014-9900	D35LD-5-19
016-9900	B5548
018-9900	D45LD-7-45.38
110121-2	D25LL-9-36
AUHC-04	D15DD-3-66
AUHC-07	D20CC-6-4
AUHC-08	D50CC-21-18.50
AUHC-09	D30DC-2-17.38
FLHC-28C	D45LD-7-45.38
FLHC-33	D25LL-15-71.50
FLHC-25	D25LL-14-42
FLHC-26B	B5548
FLHC-26C	D45LD-7-45.38
FLHC-27	D35LD-5-19
FLHC-27A	D35LD-5-19
FLHC-29	D25LL-9-36
FLHC-34	D25LL-15-84

Crossover and Application Data is for Reference Purpose Only. No Other Conditions are Expressed or Implied.

Note: It is the Users Responsibility to Verify if the Replacement Cylinder is Interchangeable.

Note: In some applications, modifications may be required for proper cylinder installation.

Note: Bold / Highlighted Items are Standard Warehouse Cylinders.

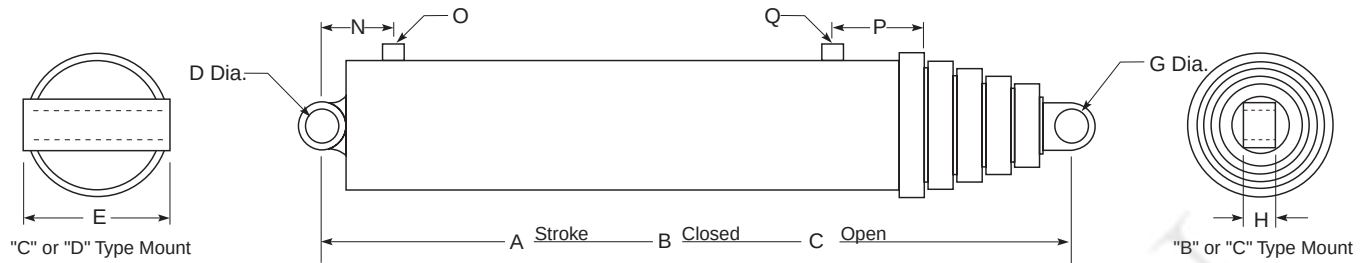


ENGINEERING NUMBER	10 DIGIT NUMBER	NOMINAL STAGE OD	NUMBER STAGES	A STROKE	B CLOSED	C OPEN	D PIN	E WIDTH	G PIN	H WIDTH
S32DB-1-43	3780712001	3	2	42.62	29.69	72.31	2.00	4.00	1.25	1.69
S32DB-1-50	3780712002	3	2	50.00	33.38	83.38	2.00	4.00	1.25	1.69
S42CC-12-40	3771012035	4	2	40.00	32.44	72.44	1.50	2.00	1.50	2.00
S42DB-5-43	3781012004	4	2	43.62	30.19	73.81	2.00	5.00	1.50	2.62
S42DB-5-51	3781012001	4	2	51.00	33.88	84.88	2.00	5.00	1.50	2.62
S43DB-2-75	3781013002	4	3	74.04	33.88	107.92	2.00	5.00	1.25	1.69
S52CC-25-40	3771512043	5	2	40.00	32.44	72.44	1.50	2.00	1.50	2.00
S52DB-6-55	3771512051	5	2	55.00	38.00	93.00	3.50	6.00	1.50	3.62
S52DC-7-88	3771512060	5	2	87.88	58.37	146.25	3.50	6.25	1.50	1.50
S53DB-13-60	3781513005	5	3	60.00	30.00	90.00	2.00	6.00	1.50	2.63
S53DB-2-63	3771513013	5	3	63.00	34.12	97.12	3.63	6.25	1.50	2.69
S53DB-7-63	3771513048	5	3	63.00	34.12	97.12	3.63	6.25	1.50	2.69
S53DB-9-71	3771513108	5	3	71.13	39.38	110.50	2.00	6.25	1.38	2.63
S53DC-14-72	3771513084	5	3	72.00	37.19	109.19	2.00	7.00	1.63	1.50
S53DB-14-78	3771513137	5	3	78.00	38.00	116.00	3.50	6.50	1.50	2.69
S53DC-16-80.75	3771513094	5	3	80.75	40.25	121.00	4.50	8.00	1.63	2.00
S53DC-60-81	3771513095	5	3	81.13	39.00	120.13	2.00	7.00	1.63	2.00
S53DB-9-82	3771513099	5	3	82.75	39.38	122.13	2.00	6.25	1.38	2.63
S53DC-14-84	3771513085	5	3	84.00	41.19	125.19	2.00	7.00	1.63	1.50
S53DB-12-90	3781513001	5	3	90.00	39.75	129.75	2.00	6.00	1.62	2.63
S53DB-13-90	3781513002	5	3	90.00	39.75	129.75	2.00	6.00	1.50	2.63
S53DB-9-92	3771513107	5	3	92.12	42.50	134.62	2.00	6.25	1.38	2.63
S53DC-15-99	3771513091	5	3	99.00	46.50	145.50	2.00	7.75	1.75	1.50
S53DB-8-103	3771513073	5	3	103.38	46.56	149.94	1.75	8.00	1.50	2.69
S53DC-11-104	3771513105	5	3	104.00	47.69	151.69	2.00	7.00	1.75	2.00
S53DC-15-105	3771513090	5	3	105.00	48.50	153.50	2.00	7.75	1.75	1.50
S53DC-11-107	3771513069	5	3	107.56	48.38	155.94	2.00	7.00	1.75	2.00
S53DC-60-108	3771513156	5	3	107.75	48.25	156.00	2.00	7.00	1.63	2.00
S53DC-15-120	3771513089	5	3	120.00	52.50	172.50	2.00	7.75	1.75	1.50
S53DC-11-120	3771513101	5	3	120.13	53.06	173.19	2.00	7.00	1.75	2.00
S53DC-15-123	3771513088	5	3	123.00	54.50	177.50	2.00	7.75	1.75	1.50
S53DC-11-126	3771513070	5	3	126.63	54.56	181.19	2.00	7.00	1.75	2.00
S53DC-11-130	3771513103	5	3	129.88	56.31	186.19	2.00	7.00	1.75	2.00

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Note; Nominal Stage OD, refers to the Largest Moving Sleeve.

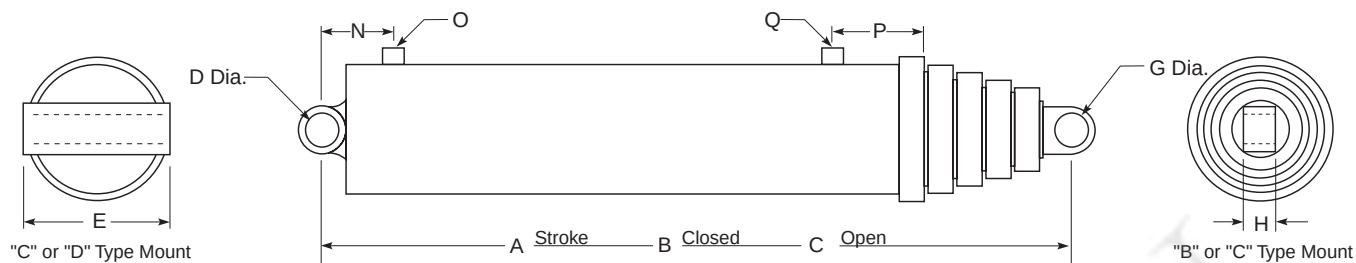


10 DIGIT NUMBER	N LOCATION	O SIZE	P LOCATION	Q SIZE	GALS TO FILL	GALS TO EXTEND	WEIGHT LBS	REBUILD KIT	REPACK KIT
3780712001			19.00"	1/2" NPT	0.7	0.8	45	3751804372	3751804372
3780712002			19.00"	1/2" NPT	0.8	1	50	3751804372	3751804372
3771012035	14.00"	1/2" NPT			1.1	1.5	85	3751804433	3751804227
3781012004			19.00"	1/2" NPT	1.2	1.6	70	3751805574	3751804227
3781012001			19.00"	1/2" NPT	1.3	1.9	85	3751805574	3751804227
3781013002			19.00"	1/2" NPT	1.2	2.1	85	3751805575	3751804368
3771512043	14.00"	1/2" NPT			1.8	2.5	110	3751804106	3911804231
3771512051	7.12"	3/4" NPT			2.16	3.41	135	3751804106	3911804231
3771512060	5.25"	#12 SAE			3.49	5.55	140	3751804106	3911804231
3781513005			19.00"	1/2" NPT	1.7	3	120	3751804017	3911804020
3771513013	4.75"	3/4" NPT			1.5	3.1	140	3751804017	3911804020
3771513048	4.75"	#12 SAE			1.5	3.1	140	3751804017	3911804020
3771513108	3.75"	#12 SAE			1.91	3.86	160	3751804017	3911804020
3771513084	19.50"	3/4" NPT			1.8	3.5	155	3751804017	3911804020
3771513137	6.75"	3/4" NPT			1.76	3.85	160	3751804017	3911804020
3771513094	24.38"	#12 SAE			1.86	4.03	160	3751804017	3911804020
3771513095	24.31"	#16 SAE			1.89	4.07	160	3751804017	3911804020
3771513099	3.75"	#12 SAE			1.91	4.14	160	3751804017	3911804020
3771513085	19.50"	3/4" NPT			2	4.2	165	3751804017	3911804020
3781513001			19.00"	3/4" NPT	2.2	4.5	160	3751804017	3911804020
3781513002			19.00"	3/4" NPT	2.2	4.5	160	3751804017	3911804020
3771513107	3.75"	#12 SAE			2.09	4.62	170	3751804017	3911804020
3771513091	24.81"	#16 90D SAE			2.3	5	175	3751804017	3911804020
3771513073			5.12"	3/4 90D NPT	2.3	5.1	182	3751804017	3911804020
3771513105			15.50"	1" NPT	2.4	5	190	3751804017	3911804020
3771513090	24.81"	#16 90D SAE			2.4	5.2	205	3751804017	3911804020
3771513069			9.9"	1" NPT	2.4	5.3	200	3751804017	3911804020
3771513156	20.25"	#16 SAE			2.19	5.43	200	3751804017	3911804020
3771513089	24.81"	#16 90D SAE			2.7	5.9	225	3751804017	3911804020
3771513101			15.50"	1" NPT	2.7	5.9	225	3751804017	3911804020
3771513088	24.81"	#16 90D SAE			2.8	6.1	230	3751804017	3911804020
3771513070			16.12"	1" NPT	2.8	6.2	230	3751804017	3911804020
3771513103			15.50"	1" NPT	2.9	6.4	230	3751804017	3911804020

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Note; Diameters D and G are for nominal pin size, for actual hole size refer to print.

Note; Nominal Stage OD, refers to the Largest Moving Sleeve.

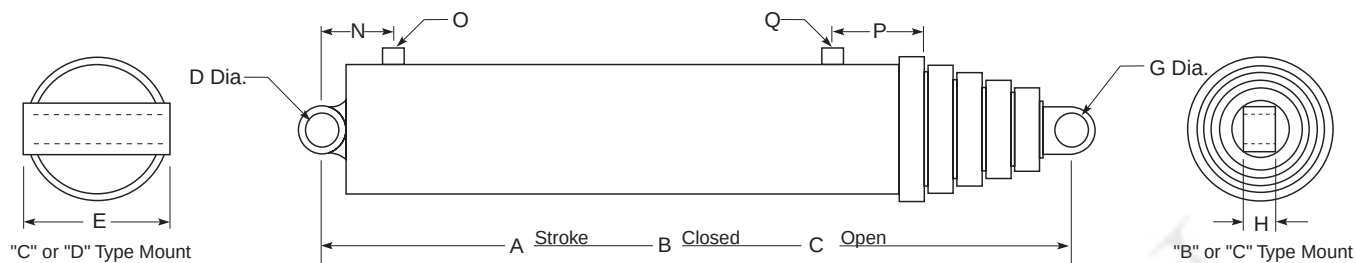


ENGINEERING NUMBER	10 DIGIT NUMBER	NOMINAL STAGE OD	NUMBER STAGES	A STROKE	B CLOSED	C OPEN	D PIN	E WIDTH	G PIN	H WIDTH
S62CC-30-69	3771412059	6	2	69.00	49.25	118.25	1.50	1.50	1.50	1.50
S62DC-9-74	3771412068	6	2	74.00	49.25	123.25	2.00	7.00	2.00	2.00
S62DC-9-90	3771412072	6	2	90.00	59.00	149.00	2.00	7.00	2.00	2.00
S63DC-75-66	3771413243	6	3	66.00	36.00	102.00	3.62	7.25	2.00	2.00
S63DC-47-77	3771413179	6	3	77.00	39.00	116.00	2.00	7.00	2.00	2.00
S63DC-CP118-77	3799000118	6	3	77.00	39.00	116.00	2.00	7.00	2.00	2.00
S63DC-60-79.12	3771413153	6	3	79.13	39.31	118.44	2.00	7.00	1.63	2.00
S63DC-54-79.31	3771413158	6	3	79.38	40.13	119.50	4.50	8.00	1.63	2.00
S63DC-47-82	3771413133	6	3	82.50	43.56	126.06	2.00	7.00	2.00	2.00
S63DC-66-82	3771413176	6	3	82.50	43.56	126.06	2.00	7.00	2.00	2.00
S63DC-42-82	3771413117	6	3	82.50	44.38	126.88	3.00	6.50	2.00	2.00
S63DC-47-86	3771413180	6	3	86.75	40.88	127.63	2.00	7.00	2.00	2.00
S63DC-61-92	3771413159	6	3	91.88	49.25	141.13	4.50	8.00	1.63	2.00
S63DC-47-92	3771413181	6	3	92.00	45.00	137.00	2.00	7.00	2.00	2.00
S63DC-60-92	3771413154	6	3	92.00	48.38	140.38	2.00	7.00	1.63	2.00
S63DC-47-104	3771413187	6	3	103.94	47.00	150.94	2.00	7.00	2.00	2.00
S63DC-60-106	3771413156	6	3	106.69	48.50	155.19	2.00	7.00	1.63	2.00
S63DC-47-107	3771413185	6	3	107.56	48.38	155.94	2.00	7.00	2.00	2.00
S63DC-44-111	3771413125	6	3	111.00	49.94	160.94	2.00	7.00	2.00	2.00
S63DC-66-111	3771413172	6	3	111.00	49.94	160.94	2.00	7.00	2.00	2.00
S63DC-45-120	3771413127	6	3	120.00	53.50	173.50	2.38	8.00	2.19	1.50
S63DC-47-120	3771413183	6	3	120.06	52.62	172.68	2.00	7.00	2.00	2.00
S63DC-44-123	3771413126	6	3	123.00	54.94	177.94	2.00	7.00	2.00	2.00
S63DC-60-125	3771413155	6	3	125.63	54.81	180.44	2.00	7.00	1.63	2.00
S63DC-69-125	3771413178	6	3	125.63	54.81	180.44	2.00	7.00	1.63	2.00
S63DC-45-126	3771413128	6	3	126.00	55.50	181.50	2.38	8.00	2.19	1.50
S63DC-47-126	3771413186	6	3	126.62	54.56	181.18	2.00	7.00	2.00	2.00
S63DC-66-130	3771413223	6	3	130.00	56.00	186.00	2.00	7.00	2.00	2.00
S63DC-47-130	3771413184	6	3	130.06	56.00	186.06	2.00	7.00	2.00	2.00
S63DC-45-138	3771413129	6	3	138.00	59.50	197.50	2.38	8.00	2.19	1.50
S63DC-47-140	3771413149	6	3	140.25	59.81	200.06	2.00	7.00	2.00	2.00
S63DC-47-150	3771413182	6	3	150.00	63.00	213.00	2.00	7.00	2.00	2.00
S63DC-45-150	3771413239	6	3	150.00	66.00	216.00	2.38	8.00	2.19	1.50
S63DC-45-162	3771413130	6	3	162.00	67.50	229.50	2.38	8.00	2.19	1.50

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Note; Diameters D and G are for nominal pin size, for actual hole size refer to print.

Note; Nominal Stage OD, refers to the Largest Moving Sleeve.

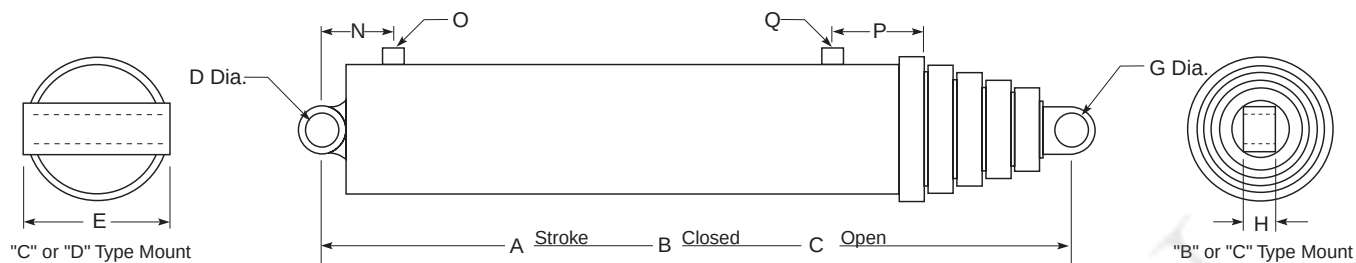


10 DIGIT NUMBER	N LOCATION	O SIZE	P LOCATION	Q SIZE	GALS TO FILL	GALS TO EXTEND	WEIGHT LBS	REBUILD KIT	REPACK KIT
3771412059	4.50"	1" NPT			4.3	6.5	220	3751804020	3751804026
3771412068	16.81"	1" NPT			4.38	6.96	235	3751804020	3751804026
3771412072	16.81"	1" NPT			5.34	8.62	240	3751804020	3751804026
3771413243	7.25"	#12 SAE			2.16	5.14	240	3751804018	3911804109
3771413179	20.81"	1" NPT			2.8	6.1	250	3751804018	3911804109
3799000118	6.31"	1" NPT			2.8	6.1	250	3751804018	3911804109
3771413153	25.06"	#16 SAE			2.85	6.18	250	3751804018	3911804109
3771413158	24.38"	#16 SAE			2.8	6.26	250	3751804018	3911804109
3771413133	20.81"	1" NPT			3.2	6.4	250	3751804018	3911804109
3771413176	20.81"	1" 90D NPT			3.2	6.4	250	3751804018	3911804109
3771413117	4.50"	1" NPT			3.23	7.57	250	3751804018	3911804109
3771413180	20.81"	1" NPT			3.1	6.9	250	3751804018	3911804109
3771413159	31.00"	#16 SAE			3.31	7.18	275	3751804018	3911804109
3771413181	20.81"	1" NPT			3.4	7.3	265	3751804018	3911804109
3771413154	29.50"	#16 SAE			3.65	7.18	275	3751804018	3911804109
3771413187	20.81"	1" NPT			3.6	8.1	270	3751804018	3911804109
3771413156	34.31"	#16 SAE			3.66	8.35	275	3751804018	3911804109
3771413185	20.81"	1" NPT			3.7	8.4	270	3751804018	3911804109
3771413125	3.81"	1" NPT	24.00"	1" NPT	3.8	8.7	275	3751804018	3911804109
3771413172	20.81"	1" 90D NPT			3.8	8.7	275	3751804018	3911804109
3771413127	24.91"	#16 90D SAE			4.1	9.4	275	3751804018	3911804109
3771413183	20.81"	1" NPT			4.1	9.4	275	3751804018	3911804109
3771413126	3.81"	1" NPT	29.00"	1" NPT	4.2	9.6	275	3751804018	3911804109
3771413155	35.56"	#16 SAE			4.2	9.85	275	3751804018	3911804109
3771413178	35.56"	#16 SAE			4.2	9.85	275	3751804018	3911804109
3771413128	24.91"	#16 90D SAE			4.3	9.9	275	3751804018	3911804109
3771413186	20.81"	1" NPT			4.3	9.9	275	3751804018	3911804109
3771413223	20.81"	1" 90D NPT			4.3	9.9	295	3751804018	3911804109
3771413184	20.81"	1" NPT			4.3	9.9	295	3751804018	3911804109
3771413129	24.91"	#16 90D SAE			4.6	11.1	300	3751804018	3911804109
3771413149	20.81"	1" NPT			4.7	11.1	300	3751804018	3911804109
3771413182	20.81"	1" NPT			5	11.9	310	3751804018	3911804109
3771413239	24.91"	#16 90D SAE			5.3	11.9	330	3751804018	3911804109
3771413130	24.91"	#16 90D SAE			5.3	11.9	330	3751804018	3911804109

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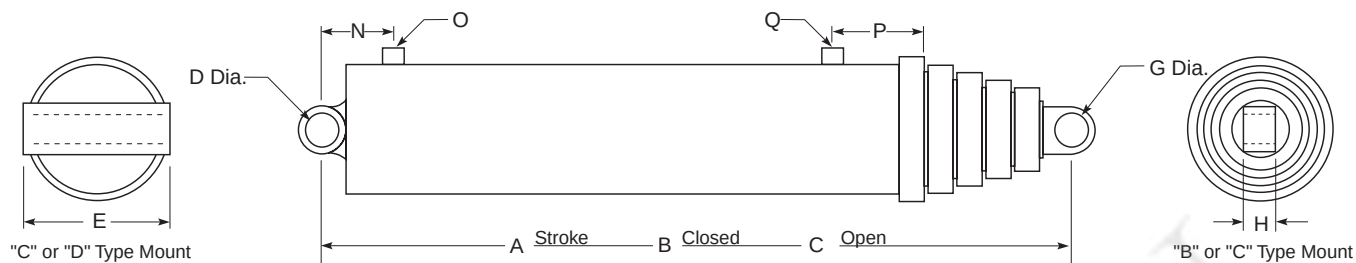


ENGINEERING NUMBER	10 DIGIT NUMBER	NOMINAL STAGE OD	NUMBER STAGES	A STROKE	B CLOSED	C OPEN	D PIN	E WIDTH	G PIN	H WIDTH
S64DB-CP319-73	3799000319	6	4	73.00	32.56	105.56	3.50	7.25	1.50	2.69
S64DB-6-135	3771414034	6	4	135.00	47.19	182.19	1.75	8.00	1.50	2.69
S64DB-6-156	3771414035	6	4	156.00	53.19	209.19	1.75	8.00	1.50	2.69
S64DC-9-156	3771414040	6	4	156.00	53.62	209.62	2.00	7.25	2.00	1.75
S64DC-7-157	3771414036	6	4	157.00	58.56	215.56	1.50	7.00	1.50	2.00
S73DC-40-110	3772513068	7	3	110.63	50.06	160.69	2.00	8.25	2.00	2.00
S73DC-40-120	3772513089	7	3	120.00	53.12	173.12	2.00	8.25	2.00	2.00
S73DC-40-124	3772513069	7	3	124.88	54.81	179.69	2.00	8.25	2.00	2.00
S73DC-60-125	3772513086	7	3	125.25	55.38	180.63	2.00	7.00	1.63	2.00
S73DC-59-125	3772513096	7	3	125.25	55.38	180.63	2.00	7.00	1.63	2.00
S73DC-41-129	3772513072	7	3	129.00	56.50	185.50	2.00	8.25	2.00	2.00
S73DC-40-140	3772513070	7	3	140.44	60.00	200.44	2.00	8.25	2.00	2.00
S73DC-59-142	3772513117	7	3	142.12	61.00	203.12	2.00	7.00	1.63	2.00
S73DC-60-142	3772513087	7	3	142.13	61.00	203.13	2.00	7.00	1.63	2.00
S73DC-40-150	3772513083	7	3	150.00	63.50	213.50	2.00	8.25	2.00	2.00
S74DC-70-84	3772514113	7	4	84.00	36.00	120.00	3.62	8.25	2.00	2.00
S74DC-40A-120	3772514056	7	4	120.00	44.12	164.12	2.00	8.25	2.00	2.00
S74DC-41-135	3772514052	7	4	135.00	48.31	183.31	2.00	8.25	1.63	1.50
S74DC-40-135	3772514047	7	4	135.00	48.44	183.44	2.00	8.25	2.00	2.00
S74DC-61-135	3772514070	7	4	135.00	48.44	183.44	2.00	8.25	2.00	2.00
S74DC-40A-140	3772514057	7	4	140.00	49.75	189.75	2.00	8.25	2.00	2.00
S74DC-40-156	3772514050	7	4	156.00	53.75	209.75	2.00	8.25	2.00	2.00
S74DC-40-161	3772514051	7	4	161.75	55.31	217.06	2.00	8.25	2.00	2.00
S74DC-60-165.75	3772514066	7	4	165.75	56.38	222.13	2.00	7.00	1.63	2.00
S74DC-40-180	3772514063	7	4	180.00	61.12	241.12	2.00	8.25	2.00	2.00
S75DB-CP394-86	3799000394	7	5	86.25	32.50	118.75	3.50	8.25	1.50	2.63
S83DC-26-134	3772913033	8	3	134.63	57.63	192.25	2.00	9.50	1.63	1.50
S83DC-40-139	3772913022	8	3	138.00	60.12	198.12	2.00	9.50	2.00	2.00
S83DC-51-150	3772913040	8	3	150.00	64.00	214.00	2.00	9.50	2.00	2.00
S83DC-40-160	3772913023	8	3	159.00	69.12	228.12	2.00	9.50	2.00	2.00

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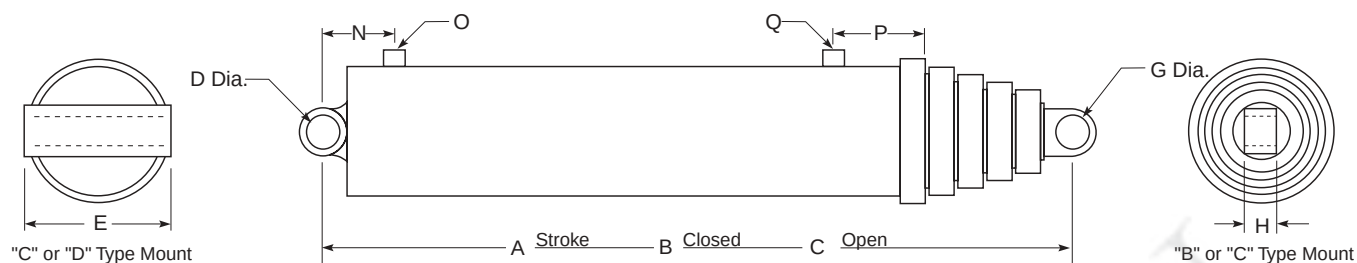


10 DIGIT NUMBER	N LOCATION	O SIZE	P LOCATION	Q SIZE	GALS TO FILL	GALS TO EXTEND	WEIGHT LBS	REBUILD KIT	REPACK KIT
3799000319	4.75"	#12 SAE			1.5	4.63	185	3751804021	3911804237
3771414034			5.50"	2, 3/4" NPT	3.4	8.1	260	3751804021	3911804237
3771414035			5.50"	2, 3/4" NPT	3.5	10.1	293	3751804021	3911804237
3771414040	6.31"	1" NPT			3.5	10.1	285	3751804021	3911804237
3771414036	4.31"	1" NPT			3.9	10.1	310	3751804021	3911804237
3772513068	7.06"	1" NPT	4.62"	1" NPT	5.3	12.6	335	3751804019	3751804002
3772513089	7.06"	1" NPT	4.62"	1" NPT	5.7	13.7	370	3751804019	3751804002
3772513069	7.06"	1" NPT	4.62"	1" NPT	5.9	14.2	380	3751804019	3751804002
3772513086	32.94"	#16 SAE			5.94	14.28	400	3751804019	3751804002
3772513096	32.94"	#16 SAE			5.94	14.28	400	3751804019	3751804002
3772513072	8.56"	1" NPT	4.62"	1" NPT	6.1	14.7	400	3751804019	3751804002
3772513070	7.06"	1" NPT	4.62"	1" NPT	6.5	16.1	400	3751804019	3751804002
3772513117	43.44"	#16 SAE			6.63	16.27	420	3751804019	3751804002
3772513087	43.44"	#16 SAE			6.63	16.27	420	3751804019	3751804002
3772513083	7.06"	1" NPT	4.62"	1" NPT	6.5	17.1	425	3751804019	3751804002
3772514113	7.25"	#12 SAE OR			2.6	8.1	300	3751804022	3751804003
3772514056	7.06"	1" NPT	4.62"	1" NPT	4.1	11.5	335	3751804022	3751804003
3772514052	18.31"	3/4" NPT			4.5	13.1	370	3751804022	3751804003
3772514047	7.06"	1" NPT	4.62"	1" NPT	4.5	13.1	370	3751804022	3751804003
3772514070			4.62"	1" 90D NPT	4.5	13.1	370	3751804022	3751804003
3772514057	7.06"	1" NPT	4.62"	1" NPT	4.6	13.5	380	3751804022	3751804003
3772514050	7.06"	1" NPT	4.62"	1" NPT	5.1	15.1	390	3751804022	3751804003
3772514051	7.06"	1" NPT	4.62"	1" NPT	5.2	15.5	405	3751804022	3751804003
3772514066	37.19"	#16 SAE			6.3	16.04	415	3751804022	3751804003
3772514063	7.06"	1" NPT	4.62"	1" NPT	5.9	17.4	440	3751804022	3751804003
3799000394	4.75"	#16 SAE			1.92	6.83	350	3751805472	3751804283
3772913033	5.62"	1" NPT			9	21	520	3751804118	3911804183
3772913022	6.50"	1" NPT	5.62"	1" NPT	9.1	21.9	530	3751804118	3911804183
3772913040	6.50"	1" NPT	17.25"	1" 90D NPT	9.8	23.9	590	3751804118	3911804183
3772913023	6.50"	1" NPT	5.62"	1" NPT	10.6	25.3	601	3751804118	3911804183

Note; Bold / Highlighted Items are Standard Warehouse Items.

Note; Diameters D and G are for nominal pin size, for actual hole size refer to print.

Note; Nominal Stage OD, refers to the Largest Moving Sleeve.

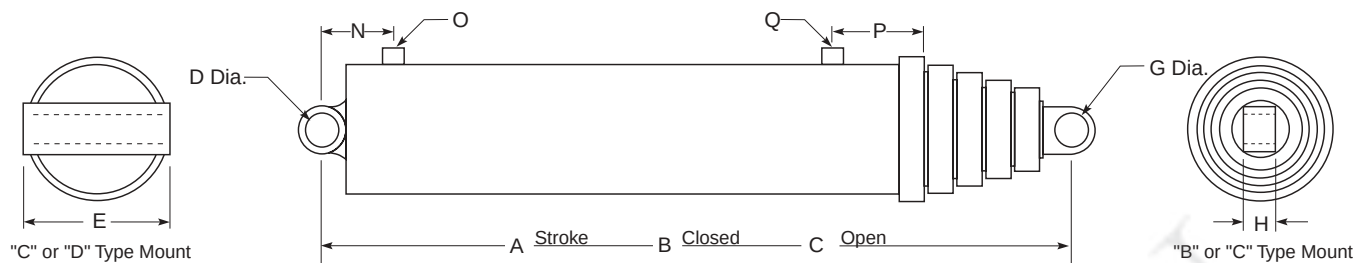


ENGINEERING NUMBER	10 DIGIT NUMBER	NOMINAL STAGE OD	NUMBER STAGES	A STROKE	B CLOSED	C OPEN	D PIN	E WIDTH	G PIN	H WIDTH
S84DC-40-140	3772914051	8	4	140.00	49.75	189.75	2.00	9.50	2.00	2.00
S84DC-40-148	3772914052	8	4	147.75	51.50	199.25	2.00	9.50	2.00	2.00
S84DC-31-156	3772914048	8	4	156.00	53.75	209.75	2.00	9.50	2.00	2.00
S84DC-40-161	3772914014	8	4	160.00	55.75	215.75	2.00	9.50	2.00	2.00
S84DC-60-161	3772914055	8	4	161.75	55.75	217.50	2.00	7.00	1.63	2.00
S84DC-40-170	3772914050	8	4	170.00	57.25	227.25	2.00	9.50	2.00	2.00
S84DC-40-180	3772914053	8	4	180.00	59.75	239.75	2.00	9.50	2.00	2.00
S84DC-40-188	3772914057	8	4	188.00	61.75	249.75	2.00	9.50	2.00	2.00
S85DC-64-160	3779615022	8	5	160.00	48.00	208.00	2.00	9.50	2.00	2.00
S85DC-40-170	3772915077	8	5	170.00	49.88	219.88	2.00	9.50	2.00	2.00
S85DC-64-170	3779615014	8	5	170.00	49.88	219.88	2.00	9.50	2.00	2.00
S85DC-40-190	3772915022	8	5	189.00	54.62	243.62	2.00	9.50	2.00	2.00
S85DC-64-190	3779615015	8	5	190.00	54.62	244.62	2.00	9.50	2.00	2.00
S85DC-40-197	3772915021	8	5	196.13	55.25	251.38	2.00	9.50	2.00	2.00
S85DC-64-197	3779615016	8	5	196.13	55.25	251.38	2.00	9.50	2.00	2.00
S85DC-40A-220	3772915081	8	5	220.00	60.00	280.00	2.00	9.50	2.00	2.00
S85DC-64-220	3779615020	8	5	220.00	60.00	280.00	2.00	9.50	2.00	2.00
S85DC-40-235	3772915019	8	5	234.00	64.62	298.62	2.00	9.50	2.00	2.00
S85DC-64-235	3779615017	8	5	235.00	64.62	299.62	2.00	9.50	2.00	2.00
S85DC-40-250	3772915018	8	5	249.00	68.62	317.62	2.00	9.50	2.00	2.00
S85DC-64-250	3779615018	8	5	250.00	68.62	318.62	2.00	9.50	2.00	2.00
S85DC-40A-265	3772915080	8	5	265.00	71.00	336.00	2.00	9.50	2.00	2.00
S85DC-64-265	3779615021	8	5	265.00	71.00	336.00	2.00	9.50	2.00	2.00
S85DC-40-285	3772915078	8	5	285.00	78.50	363.50	2.00	9.50	2.00	2.00
S85DC-64-285	3779615019	8	5	285.00	78.50	363.50	2.00	9.50	2.00	2.00
S95DC-40-190	3773115015	9	5	190.00	56.00	246.00	2.00	10.88	2.00	2.00
S95DC-40-220	3773115011	9	5	218.00	62.44	280.44	2.00	10.88	2.00	2.00
S95DC-40-235	3773115010	9	5	233.00	65.44	298.44	2.00	10.88	2.00	2.00
S95DC-40-250	3773115009	9	5	248.00	68.44	316.44	2.00	10.88	2.00	2.00
S95DC-40-265	3773115013	9	5	265.00	72.62	337.62	2.00	10.88	2.00	2.00
S95DC-40-280	3773115016	9	5	280.00	78.62	358.62	2.00	10.88	2.00	2.00
S95DC-40A-300	3773115022	9	5	300.00	79.00	379.00	2.00	10.88	2.00	2.00
S95DC-40A-320	3773115023	9	5	320.00	83.00	403.00	2.00	10.88	2.00	2.00
S95DC-40A-340	3773115040	9	5	340.00	87.00	427.00	2.00	10.88	2.00	2.00
S96DC-1-285	3773116001	9	6	285.00	70.63	355.63	2.00	10.88	2.00	2.00

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Note; Nominal Stage OD, refers to the Largest Moving Sleeve.

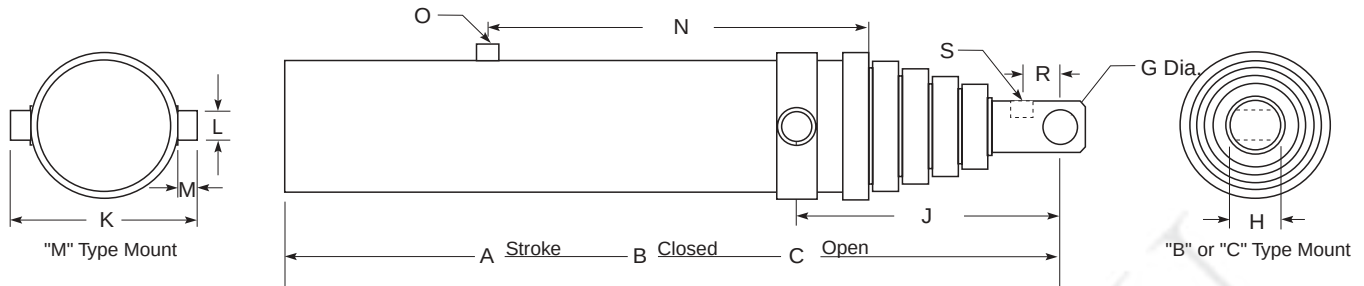


10 DIGIT NUMBER	N LOCATION	O SIZE	P LOCATION	Q SIZE	GALS TO FILL	GALS TO EXTEND	WEIGHT LBS	REBUILD KIT	REPACK KIT
3772914051	6.50"	1" NPT	5.62"	1" NPT	6.5	19.2	485	3751804023	3911804054
3772914052	6.50"	1" NPT	5.62"	1" NPT	6.7	20.3	530	3751804023	3911804054
3772914048	5.56"	1" NPT	5.62"	1" NPT	7.1	21.5	550	3751804023	3911804054
3772914014	6.50"	1" NPT	5.62"	1" NPT	7.4	21.9	565	3751804023	3911804054
3772914055	31.31"	#16 SAE			7.4	21.9	570	3751804023	3911804054
3772914050	6.50"	1" NPT	5.62"	1" NPT	7.6	23.3	575	3751804023	3911804054
3772914053	6.50"	1" NPT	5.62"	1" NPT	8	24.7	580	3751804023	3911804054
3772914057	6.50"	1" NPT	5.62"	1" NPT	8.3	25.8	580	3751804023	3911804054
3779615022	6.50"	1" NPT	12.00"	1" NPT	2.8	21.91	567	3751804591	
3772915077	6.50"	1" NPT	5.62"	1" NPT	5.8	20.1	570	3751804024	3911804060
3779615014	6.50"	1" NPT	12.00"	1" NPT	2.96	23.3	594	3751804591	
3772915022	6.50"	1" NPT	5.62"	1" NPT	6.4	22.3	580	3751804024	3911804060
3779615015	6.50"	1" NPT	12.00"	1" NPT	3.3	26.1	640	3751804591	
3772915021	6.50"	1" NPT	5.62"	1" NPT	6.5	22.8	590	3751804024	3911804060
3779615016	6.50"	1" NPT	12.00"	1" NPT	3.4	27.06	644	3751804591	
3772915081	6.50"	1" NPT	5.62"	1" NPT	7.2	25.5	610	3751804024	3911804060
3779615020	6.50"	1" NPT	12.00"	1" NPT	3.8	30.3	711	3751804591	
3772915019	6.50"	1" NPT	5.62"	1" NPT	7.8	27.2	660	3751804024	3911804060
3779615017	6.50"	1" NPT	12.00"	1" NPT	4.16	32.38	765	3751804591	
3772915018	6.50"	1" NPT	5.62"	1" NPT	8.4	29.1	705	3751804024	3911804060
3779615018	6.50"	1" NPT	12.00"	1" NPT	4.5	34.5	804	3751804591	
3772915080	6.50"	1" NPT	5.62"	1" NPT	8.7	31.6	776	3751804024	3911804060
3779615021	6.50"	1" NPT	12.00"	1" NPT	4.69	36.52	842	3751804591	
3772915078	6.50"	1" NPT	5.62"	1" NPT	9.8	34.1	800	3751804024	3911804060
3779615019	6.50"	1" NPT	12.00"	1" NPT	5.3	39.31	930	3751804591	
3773115015	6.50"	1" NPT	5.75"	1" NPT	6.4	22.4	835	3751804025	3751804004
3773115011	6.50"	1" NPT	5.75"	1" NPT	9.7	36.2	855	3751804025	3751804004
3773115010	6.50"	1" NPT	5.75"	1" NPT	10.2	38.7	880	3751804025	3751804004
3773115009	6.50"	1" NPT	5.75"	1" NPT	10.8	41.3	1100	3751804025	3751804004
3773115013	6.50"	1" NPT	5.75"	1" NPT	11.6	44.6	1200	3751804025	3751804004
3773115016	6.50"	1" NPT	5.75"	1" NPT	12.8	47.6	1215	3751804025	3751804004
3773115022	6.50"	1" NPT	5.75"	1" NPT	13.5	50.2	1230	3751804025	3751804004
3773115023	6.50"	1" NPT	5.75"	1" NPT	13.9	54.1	1245	3751804025	3751804004
3773115040	12.50"	1" NPT	5.75"	1" NPT	14.5	59.9	1245	3751804025	3751804004
3773116001	6.50"	1" NPT	5.75"	1" NPT 90D	10.3	41.8	1100	3751805576	3751804030

Note; Bold / Highlighted Items are Standard Warehouse Items.

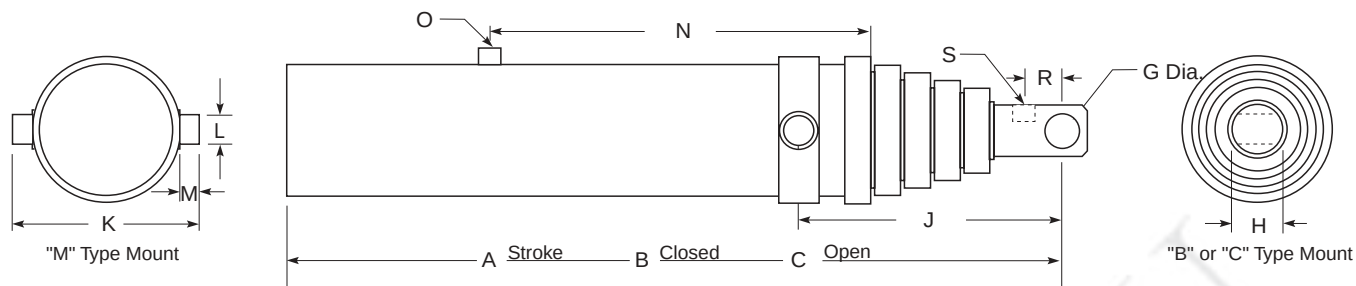
Note; Diameters D and G are for nominal pin size, for actual hole size refer to print.

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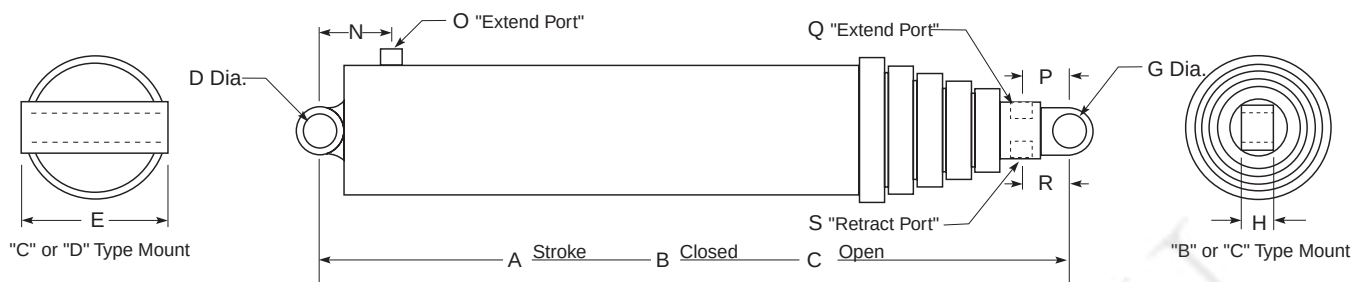
ENGINEERING NUMBER	10 DIGIT NUMBER	NOMINAL STAGE OD	NUMBER STAGES	A STROKE	B CLOSED	C OPEN	G PIN	H WIDTH	J TR to PIN	K WIDTH	L DIA.	M LGTH
S42MB-6-50	3781012003	4	2	50.00	32.31	82.31	1.38	2.62	8.50	8.75	1.75	0.88
S42MB-7-50	3781012005	4	2	50.00	32.31	82.31	1.38	2.62	7.50	8.75	1.75	0.88
S42MB-5-60	3781012002	4	2	60.00	37.31	97.31	1.25	0.00	7.50	9.25	1.75	1.50
S42MB-3-90	3771012040	4	2	90.00	55.81	145.81	1.25	2.63	7.50	8.00	1.25	1.13
S43MB-1-75	3781013003	4	3	75.00	32.50	107.50	1.25	1.69	8.50	8.75	1.75	0.88
S43MB-2-75	3781013004	4	3	75.00	32.50	107.50	1.25	1.88	7.50	8.75	1.75	0.88
S53MB-5-74	3781513003	5	3	74.00		106.88	1.38	2.62	8.50	8.75	1.75	0.88
S53MB-5-90	3781513004	5	3	90.00	38.38	128.38	1.38	2.62	8.50	8.75	1.75	0.88
S53MB-3-120	3771513086	5	3	120.00	53.50	173.50	1.50	2.63	14.37	12.38	1.75	1.69
S53MC-38-166	3771513154	5	3	166.00	72.75	238.75	1.50	2.00	11.12	12.38	1.75	1.69
S63MC-21-80	3771413164	6	3	80.00	40.31	120.31	2.00	2.00	13.00	12.00	1.75	1.75
S63MB-11-108	3771413167	6	3	108.00	50.12	158.12	1.50	3.00	14.37	12.38	1.75	1.69
S63MB-9-120	3771413140	6	3	120.00	54.88	174.88	1.50	3.62	14.37	12.38	1.75	1.69
S63MC-21-128	3771413160	6	3	128.00	56.38	184.38	2.00	2.00	13.00	12.00	1.75	1.75
S63MB-8-140	3771413124	6	3	140.25	61.62	201.87	1.50	3.62	14.37	12.38	1.75	1.69
S63MB-8-150	3771413206	6	3	150.00	63.00	213.00	1.50	3.62	14.37	12.38	1.75	1.69
S63MB-8-160	3771413201	6	3	160.00	66.25	226.25	1.50	3.62	14.37	12.38	1.75	1.69
S64MB-4-140	3771414039	6	4	140.00	50.38	190.38	1.50	2.63	14.37	12.38	1.75	1.69
S64MB-5-156	3771414052	6	4	156.00	53.38	209.38	1.75	2.62	13.00	12.38	1.75	1.69
S73MC-7-126	3772513102	7	3	126.00	56.38	182.38	2.00	2.00	13.00	12.00	1.75	1.75
S73MC-6-126	3772513094	7	3	126.00	56.38	182.38	2.00	2.00	13.00	12.00	1.75	1.75
S73MC-6-142.12	3772513093	7	3	142.12	64.00	206.12	2.00	2.00	13.00	12.00	1.75	1.75
S73MC-7-142.12	3772513113	7	3	142.12	64.00	206.12	2.00	2.00	13.00	12.00	1.75	1.75
S74MB-3-154	3772514058	7	4	154.00	55.62	209.62	1.50	3.62	14.37	12.25	1.75	1.63
S74MB-5-167	3772514111	7	4	167.00	58.38	225.38	2.00	3.62	13.00	12.25	1.75	1.63
S74MC-8-167	3772514067	7	4	167.00	59.31	226.31	2.00	2.00	13.00	12.00	1.75	1.75
S74MB-3-172	3772514062	7	4	172.00	58.34	230.34	1.50	3.62	14.37	12.25	1.75	1.63
S85MC-48-160	3772915147	8	5	160.00	50.00	210.00	2.00	3.00	15.50	14.00	2.25	1.25
S85MC-48-170	3772915117	8	5	170.00	50.00	220.00	2.00	3.00	15.50	14.00	2.25	1.25
S85MC-48-190	3772915132	8	5	190.00	55.00	245.00	2.00	3.00	15.50	14.00	2.25	1.25
S85MC-48-200	3772915121	8	5	199.00	55.00	254.00	2.00	3.00	15.50	14.00	2.25	1.25
S85MC-48-220	3772915122	8	5	219.00	59.00	278.00	2.00	3.00	15.50	14.00	2.25	1.25
S85MC-48-235	3772915123	8	5	234.00	65.00	299.00	2.00	3.00	15.50	14.00	2.25	1.25
S85MC-48-250	3772915120	8	5	249.00	67.00	316.00	2.00	3.00	15.50	14.00	2.25	1.25
S85MC-48-265	3772915119	8	5	265.00	71.00	336.00	2.00	3.00	15.50	14.00	2.25	1.25
S85MC-48-280	3772915118	8	5	280.00	78.87	358.87	2.00	3.00	15.50	14.00	2.25	1.25

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Note; Diameters G are for nominal pin size, for actual hole size refer to print.
Note; Nominal Stage OD, refers to the Largest Moving Sleeve.



10 DIGIT NUMBER	N LOCATION	O SIZE	R LOCATION	S SIZE	GALS TO FILL	GALS TO EXTEND	WEIGHT LBS	REBUILD KIT	REPACK KIT
3781012003	19.00"	1/2" NPT			1.3	1.8	80	3751805574	3751804227
3781012005	19.00"	1/2" NPT			1.3	1.8	80	3751805574	3751804227
3781012002	19.00"	1/2" NPT			1.4	1.9	85	3751805574	3751804227
3771012040			1.25"	1/2" NPT	1.4	1.9	155	3751804433	3751804227
3781013003	19.00"	1/2" NPT			1.2	2.1	90	3751805575	3751804368
3781013004	19.00"	1/2" NPT			1.2	2.1	90	3751805575	3751804368
3781513003	19.00"	1/2" NPT			1.9	3.7	125	3751804017	3911804020
3781513004	19.00"	1/2" NPT			2.2	4.5	160	3751804017	3911804020
3771513086			2.00"	1" NPT	2.7	5.9	225	3751804017	3911804020
3771513154			2.75"	#12 SAE	3.35	8.26	395	3751805190	3911804020
3771413164			3.00"	#16 SAE	2.88	6.25	250	3751804018	3911804109
3771413167			2.00"	1" NPT	3.8	8.4	275	3751804018	3911804109
3771413140			2.00"	1" NPT	4.2	9.4	275	3751804018	3911804109
3771413160			3.00"	#16 SAE	4.28	10.04	300	3751804018	3911804109
3771413124			2.00"	1" NPT	4.8	11.2	300	3751804018	3911804109
3771413206			2.00"	1" NPT	5	11.8	325	3751804018	3911804109
3771413201			2.00"	1" NPT	5.2	15.56	330	3751804018	3911804109
3771414039			2.00"	1" NPT	3.3	9.1	290	3751804021	3911804237
3771414052			2.12"	1" NPT	3.15	10.09	250	3751804021	3911804237
3772513102			3.00"	#16 SAE	6.04	14.36	450	3751804019	3751804002
3772513094			3.00"	#16 SAE	6.04	14.36	450	3751804019	3751804002
3772513093			3.00"	#16 SAE	6.97	16.21	450	3751804019	3751804002
3772513113			3.00"	#16 SAE	6.97	16.21	450	3751804019	3751804002
3772514058			2.00"	1" NPT	5.2	15.1	412	3751804022	3751804003
3772514111			2.00"	#16 SAE	5.2	15.1	440	3751804022	3751804003
3772514067			3.00"	#16 SAE	5.2	15.1	440	3751804022	3751804003
3772514062			2.00"	1" NPT	5.6	16.6	436	3751804022	3751804003
3772915147			2.00"	1" NPT	4.88	19.6	400	3751804024	3911804060
3772915117			2.00"	1" NPT	5.75	20.08	600	3751804024	3911804060
3772915132			2.00"	1" NPT	6.46	23.06	620	3751804024	3911804060
3772915121			2.00"	1" NPT	6.4	23.5	620	3751804024	3911804060
3772915122			2.00"	1" NPT	7.1	26.1	640	3751804024	3911804060
3772915123			2.00"	1" NPT	7.8	27.2	670	3751804024	3911804060
3772915120			2.00"	1" NPT	8.4	29.1	720	3751804024	3911804060
3772915119			2.00"	1" NPT	8.7	31.6	780	3751804024	3911804060
3772915118			2.00"	1" NPT	9.8	34.1	870	3751804024	3911804060

Note; Bold / Highlighted Items are Standard Warehouse Items.
 Note; Diameters G are for nominal pin size, for actual hole size refer to print.
 Note; Nominal Stage OD, refers to the Largest Moving Sleeve.

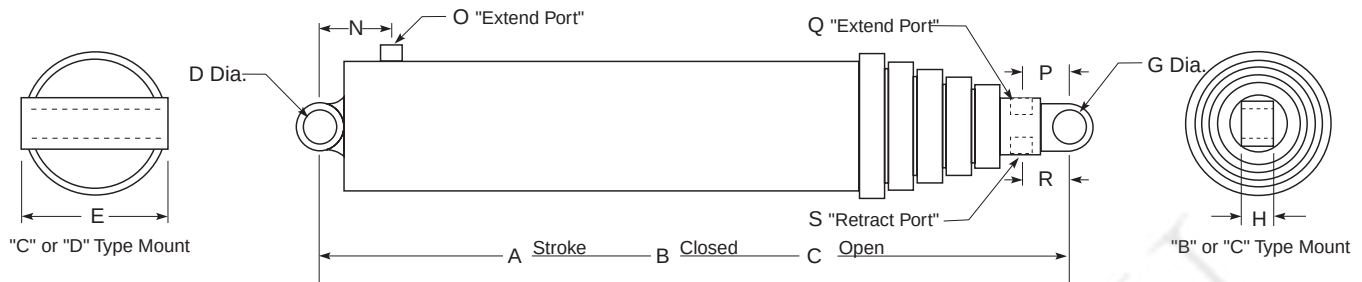


ENGINEERING NUMBER	10 DIGIT NUMBER	NOMINAL STAGE OD	NUMBER STAGES	A STROKE	B CLOSED	C OPEN	D PIN	E WIDTH	G PIN	H WIDTH
SD42CC-19-111	3771032025	4	2	111.75	75.50	187.25	2.00	2.00	1.50	2.00
SD52DC-CP627-55	3799000627	5	2	55.00	56.00	111.00	2.00	8.25	2.00	3.00
SD52DB-CP557-70	3799000557	5	2	70.00	60.00	130.00	2.00	4.00	2.50	3.69
SD52CC-27-72	3771532058	5	2	72.00	54.00	126.00	1.50	1.50	1.25	1.25
SD52DB-CP547-84	3799000547	5	2	84.00	60.00	144.00	2.00	4.00	2.50	3.69
SD52CC-25-96.5	3771532052	5	2	96.50	70.50	167.00	2.00	2.00	2.00	2.00
SD52CC-24-111	3771532049	5	2	111.75	75.50	187.25	2.00	2.00	2.00	2.00
SD52DC-12-119	3771532061	5	2	119.00	77.38	196.38	1.50	6.50	1.50	2.00
SD52CB-6-132.75	3771532057	5	2	132.75	85.25	218.00	2.00	2.00	2.00	2.00
SD52CB-8-132.75	3771532063	5	2	132.75	85.25	218.00	2.00	3.00	2.00	3.00
SD52DC-12-140	3771532062	5	2	140.00	94.62	234.62	1.50	6.50	1.50	2.00
SD53DC-5-84	3771533071	5	3	84.00	44.56	128.56	2.00	7.00	1.63	2.00
SD53CC-25-106	3771533051	5	3	106.00	50.00	156.00	1.50	2.00	1.50	2.25
SD53CC-16-111	3771533038	5	3	111.00	56.75	167.75	3.00	2.00	1.50	2.00
SD53CC-30-117.25	3771533057	5	3	117.25	70.88	188.13	2.00	2.00	2.00	2.00
SD53CC-30-129	3771533066	5	3	129.12	70.50	199.62	2.00	2.00	2.00	2.00
SD53CC-38-151.5	3771933011	5	3	151.50	81.25	232.75	2.00	3.00	2.00	3.00
SD53CC-36-155	3771533084	5	3	155.75	75.50	231.25	2.00	2.00	1.50	2.00
SD53CC-37-168	3771433914	5	3	168.00	80.31	248.31	2.00	2.25	2.00	2.25
SD53DD-CP592-170	3799000592	5	3	170.00	78.88	248.88	2.00	6.75	2.00	6.75
SD53CC-38-170.12	3771933010	5	3	170.12	78.88	249.00	2.00	3.00	2.00	3.00
SD53CD-2-182	3771533067	5	3	182.00	81.00	263.00	2.00	3.88	2.00	6.50
SD53CC-38-182	3771933005	5	3	182.00	81.25	263.25	2.00	3.00	2.00	3.00
SD53CC-35-189	3771933004	5	3	189.40	82.85	272.25	3.56	2.25	3.56	2.25
SD62DB-2-78	3771432059	6	2	78.00	56.62	134.62	2.50	7.50	2.50	4.63
SD62CB-12-79	3771432077	6	2	79.00	58.50	137.50	2.50	3.00	2.50	4.69
SD62CC-20-82	3771432054	6	2	82.00	56.50	138.50	3.00	2.25	3.00	2.25
SD62DB-3-84	3771432066	6	2	84.00	60.00	144.00	2.00	4.00	2.50	4.69
SD62CC-22-92	3771432058	6	2	92.50	70.50	163.00	2.00	2.00	2.00	2.00
SD62CB-12-94	3771432078	6	2	94.00	66.00	160.00	2.50	3.00	2.50	4.69
SD62CC-24-96.5	3771432063	6	2	96.50	70.50	167.00	2.00	2.00	2.00	2.00
SD62CB-12-114	3771432079	6	2	114.00	76.00	190.00	2.50	3.00	2.50	4.69
SD63DC-7-61	3799000441	6	3	59.38	50.63	110.00	2.00	8.25	2.00	3.00
SD63DC-CP293-71	3799000293	6	3	71.75	56.00	127.75	2.00	8.25	2.00	3.00
SD63CC-11-73	3771433025	6	3	73.00	48.00	121.00	1.25	1.50	1.25	1.50
SD63DC-CP625-76	3799000625	6	3	76.00	56.00	132.00	2.00	8.25	2.00	3.00
SD63DC-7-80	3771433070	6	3	78.38	50.63	129.00	2.00	8.25	2.00	3.00
SD63DC-CP507-82	3799000507	6	3	82.00	50.62	132.62	2.00	8.25	2.00	3.00
SD63DC-71-81	3771413226	6	3	82.84	62.50	145.34	2.00	7.25	2.00	2.48
SD63DC-7-88	3771433071	6	3	88.75	56.00	144.75	2.00	8.25	2.00	3.00
SD63CC-16-92	3771433063	6	3	92.00	48.75	140.75	2.25	2.00	1.50	2.38
SD63DB-6-93	3771433073	6	3	93.00	50.75	143.75	1.75	7.12	1.75	3.69
SD63CC-11-96	3771433044	6	3	96.00	52.44	148.44	1.25	1.50	1.25	1.50
SD63DC-CP604-97	3799000604	6	3	97.25	56.00	153.25	2.00	8.25	2.00	3.00
SD63DC-12-100	3771433097	6	3	100.00	49.50	149.50	2.00	7.00	1.62	2.00
SD63DC-9-100.25	3771433082	6	3	100.25	49.50	149.75	2.00	7.00	1.63	2.00
SD63DC-71-101	3771413225	6	3	101.75	62.50	164.25	2.00	7.25	2.00	2.48
SD63DB-6-108	3771433045	6	3	108.00	50.75	158.75	1.75	7.12	1.75	3.69

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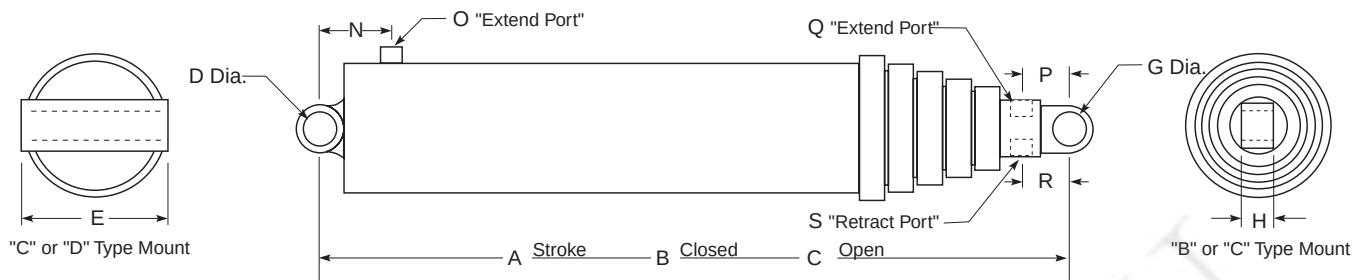


10 DIGIT NUMBER	N LOC.	O SIZE	P LOC.	Q SIZE	R LOC.	S SIZE	GALS TO FILL	GALS TO EXT.	WT. LBS	REBUILD KIT	REPACK KIT
3771032025			3.43"	#16 SAE	3.43"	#8 SAE	2.9	5.4	220	3751804006	3751804227
3799000627			3.50"	#12 SAE	3.50"	#12 SAE	2.4	4.3	180	3751804062	
3799000557			2.50"	#16 SAE	2.50"	#12 SAE	3.5	6.1	180	3751805220	3911804231
3771532058			3.12"	#16 SAE	3.12"	#12 SAE	3.1	4.5	165	3751804350	3751804349
3799000547			2.50"	#16 SAE	2.50"	#12 SAE	3.5	5.3	300	3751805005	3911804231
3771532052			5.88"	#12 SAE	5.88"	#8 SAE	3.9	6.0	310	3751804005	3911804231
3771532049			3.12"	#20 SAE	3.12"	#12 SAE	4.5	7.0	330	3751804005	3911804231
3771532061			3.50"	1" NPT	3.50"	3/4" NPT	4.7	7.4	335	3751804005	3911804231
3771532057			3.38"	#20 SAE	3.38"	#16 SAE	4.6	8.3	355	3751804350	3751804349
3771532063			3.38"	#20 SAE	3.38"	#16 SAE	4.6	8.3	355	3751804350	3751804349
3771532062			3.50"	1" NPT	3.50"	3/4" NPT	5.9	8.8	380	3751804005	3911804231
3771533071			2.00"	3/4" NPT	2.00"	1/2" NPT	2.2	4.2	220	3751804201	3911804020
3771533051			2.38"	#12 SAE	2.38"	#10 SAE	2.7	5.3	225	3751804201	3911804020
3771533038	2.88"	3/4" NPT			2.62"	3/4" NPT	2.7	5.5	235	3751804201	3911804020
3771533057			5.88"	#12 SAE	5.88"	#8 SAE	3.1	5.9	225	3751804201	3911804020
3771533066			5.88"	#12 SAE	5.88"	#8 SAE	3.2	6.5	235	3751804201	3911804020
3771933011			3.56"	#16 SAE	3.56"	#12 SAE	3.9	8.5	400	3751805158	3751805155
3771533084			3.18"	#16 SAE	3.18"	#8 SAE	3.9	8.5	325	3751805548	3911804020
3771433914			3.38"	#20 SAE	3.38"	#16 SAE	3.9	8.5	438	3796800692	
3799000592			2.88"	#16 SAE	2.88"	#12 SAE	3.9	8.5	325	3751805125	
3771933010			3.56"	#16 SAE	3.56"	#12 SAE	3.9	8.8	400	3751805158	3751805155
3771533067			3.06"	#16 SAE	3.06"	#8 SAE	3.9	9.4	345	3751804201	3911804020
3771933005			3.56"	#16 SAE	3.56"	#12 SAE	3.9	9.4	400	3751805158	3751805155
3771933004			4.06"	#16 SAE	4.06"	#12 SAE	4.4	10.7	345	3751804590	3751804589
3771432059	3.31"	1" NPT	2.75"	1" NPT	2.75"	1" NPT	4.9	8.9	300	3751804435	3751804026
3771432055			End Of Rod	3/4" NPT	End Of Rod	#12 SAE	5.0	7.5	350	3751804435	3751804310
3771432054	4.13"	3/4" NPT			3.00"	3/4" NPT	5.1	9.2	300	3751804435	3751804026
3771432066			2.12"	#16 SAE	2.12"	#12 SAE	5.2	9.1	260	3751804435	3751804026
3771432058			6.00"	1" NPT	6.00"	1/2" NPT	5.6	8.8	330	3751804435	3751804026
3771432056			End Of Rod	3/4" NPT	End Of Rod	#12 SAE	5.7	8.9	330	3751804435	3751804310
3771432063			5.95"	#16 SAE	5.95"	#12 SAE	5.9	9.2	350	3751804435	3751804026
3771432057			End Of Rod	3/4" NPT	End Of Rod	#12 SAE	6.7	10.8	375	3751804435	3751804310
3799000441			3.50"	#12 SAE	3.50"	#10 SAE	3.0	5.9	375	3751804018	3911804109
3799000293			3.50"	#12 SAE	3.50"	#12 SAE	3.9	6.1	255	3751804406	3911804109
3771433025			3.62"	1" NPT	3.62"	3/4" NPT	3.4	7.1	260	3751804406	3911804109
3799000625			3.50"	#12 SAE	3.50"	#12 SAE	3.9	6.0	320	3751804406	3911804109
3771433070			5.50"	#12 SAE	5.50"	#12 SAE	3.5	6.3	375	3751804018	3911804109
3799000507			3.50"	#12 SAE	3.50"	#12 SAE	3.5	6.5	250	3751804406	3911804109
3771413226	OUT BASE	BLEEDER	3.92"	#16 SAE	3.92"	#16 SAE	3.9	7.0	305	3751804406	3911804109
3771433071			3.50"	#12 SAE	3.50"	#12 SAE	3.9	6.9	386	3751804018	3911804109
3771433063			3.19"	1" NPT	1.62"	3/4" NPT	3.5	7.2	300	3751804406	3911804109
3771433073			2.25"	3/4" NPT	2.25"	3/4" NPT	3.9	7.9	268	3751804437	3911804109
3771433044			3.62"	1" NPT	3.62"	3/4" NPT	3.7	7.7	275	3751804406	3911804109
3799000604			3.50"	#12 SAE	3.50"	#12 SAE	3.9	7.7	280	3751804018	3911804109
3771433097	2.81"	#16 SAE	2.94"	#12 SAE	2.94"	#12 SAE	3.6	7.8	290	3751804437	3911804109
3771433082	2.81"	#16 SAE	2.94"	#12 SAE	2.94"	#12 SAE	3.6	7.8	290	3751804437	3911804109
3771413225	OUT BASE	BLEEDER	3.92"	#16 SAE	3.92"	#16 SAE	3.9	7.9	290	3751804406	3911804109
3771433045			2.25"	3/4" NPT	2.25"	3/4" NPT	3.9	8.6	290	3751804437	3911804109

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Note: Nominal Stage OD, refers to the Largest Moving Sleeve.

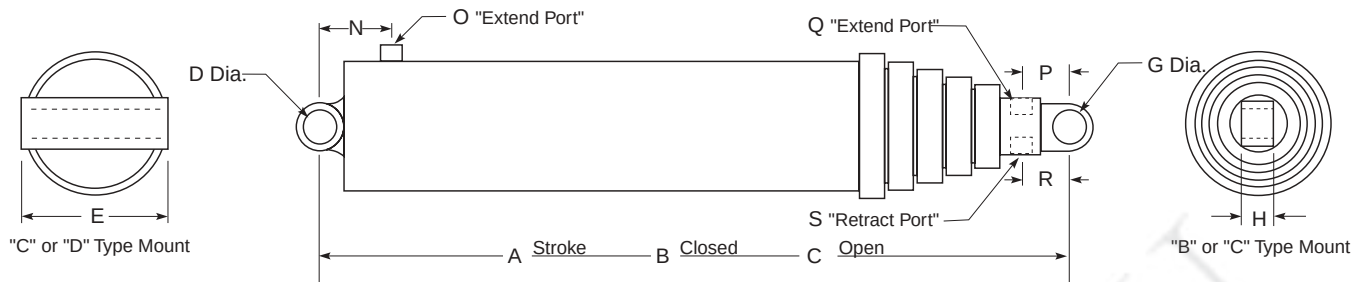


ENGINEERING NUMBER	10 DIGIT NUMBER	NOMINAL STAGE OD	NUMBER STAGES	A STROKE	B CLOSED	C OPEN	D PIN	E WIDTH	G PIN	H WIDTH
SD63CC-16-110	3771433038	6	3	110.00	54.75	164.75	2.25	2.00	1.50	2.38
SD63CB-11-118	3771433091	6	3	118.00	58.50	176.50	2.50	3.00	2.50	3.69
SD63DC-11-120	3771433095	6	3	120.00	55.00	175.00	2.00	7.00	1.62	2.00
SD63DB-10-120	3771433067	6	3	120.00	58.50	178.50	3.00	7.25	2.50	3.69
SD63DB-14-120	3771433104	6	3	120.00	60.00	180.00	2.00	8.25	2.00	3.69
SD63CC-28-124	3771433072	6	3	124.50	76.88	201.38	2.00	2.00	2.00	2.00
SD63CC-27-129	3771433074	6	3	129.00	70.50	199.50	2.00	2.00	2.00	2.00
SD63DB-7-132	3771433046	6	3	132.00	62.38	194.38	1.75	7.12	1.75	3.69
SD63CB-12-132	3771433902	6	3	132.75	85.25	218.00	2.00	4.00	2.00	3.69
SD63DB-11-152	3771433068	6	3	152.25	69.00	221.25	2.50	7.50	2.50	3.69
D4145	3790004145	6	3	164.00	81.62	245.62	2.00	6.75	2.00	3.00
SD63CC-41-164	3771833006	6	3	164.00	82.12	246.12	2.00	2.25	2.00	2.25
SD63CC-39-167	3771433906	6	3	167.00	78.50	245.50	2.00	2.00	2.00	2.00
SD63CB-13-167	3771433096	6	3	167.00	85.25	252.25	2.00	3.00	2.00	3.00
SD63CB-12-167	3771433901	6	3	167.00	85.25	252.25	2.00	4.00	2.00	3.69
D5820	3790005820	6	3	170.00	81.62	251.62	2.00	6.75	2.00	3.00
SD63CB-14-173	3771433107	6	3	173.50	77.00	250.50	2.50	3.00	2.50	3.69
SD63CC-41-181	3771833007	6	3	181.00	85.44	266.44	2.00	2.25	2.00	2.25
SD63CB-13-197	3771433103	6	3	197.00	85.25	282.25	2.00	3.00	2.00	3.00
SD63CB-12-197	3771433903	6	3	197.44	85.25	282.69	2.00	4.00	2.00	3.69
SD64DC-4-110.34	3771434046	6	4	110.34	43.50	153.84	2.00	7.25	1.50	2.25
SD64CC-7-118	3771434037	6	4	118.00	50.00	168.00	1.50	2.00	1.50	2.25
SD64CC-7-132	3771434035	6	4	132.19	50.00	182.19	1.50	2.00	1.50	2.25
SD64DC-3-145	3771434048	6	4	145.00	62.50	207.50	2.00	7.25	2.00	2.48
SD64CC-7-152	3771434036	6	4	152.00	55.00	207.00	1.50	2.00	1.50	2.25
SD64DC-3-156	3771434044	6	4	156.64	62.50	219.14	2.00	7.25	2.00	2.48
SD72AC-1-156	3772532018	7	2	156.00	96.00	252.00	N/A	N/A	2.00	2.00
SD73DB-8-115	3772533069	7	3	115.00	60.00	175.00	3.00	8.25	3.00	4.69
SD73DB-6-115	3772533050	7	3	115.75	56.38	172.13	3.00	8.25	3.00	4.69
SD73CC-25-120	3772533045	7	3	120.00	64.75	184.75	2.00	2.00	2.00	2.00
SD73DC-5-120	3772533056	7	3	120.75	55.00	175.75	2.00	7.00	1.63	2.00
SD73DC-5-138.75	3772533073	7	3	138.75	61.00	199.75	2.00	7.00	1.63	2.00
SD73GF-2-156	3772533024	7	3	156.00	73.62	229.62	FLANGE	MOUNT	TAPPED	0.75-10
SD73DB-8-160	3772533068	7	3	160.00	80.00	240.00	3.00	8.25	3.00	4.69
SD74DC-CP410-104	3799000410	7	4	104.38	50.63	155.00	2.00	8.25	2.00	3.00
SD74DC-9-109	3772534055	7	4	109.38	50.63	160.00	2.00	8.25	2.00	3.00
SD74DC-7-119	3772534040	7	4	119.50	56.00	175.50	2.00	8.25	2.00	3.00
SD74CC-11-131	3772534032	7	4	131.50	53.38	184.88	1.25	1.50	1.25	1.50
SD74CC-12-135	3772534033	7	4	135.25	61.00	196.25	2.00	2.00	2.00	2.00
SD74DC-CP615-138	3799000615	7	4	138.00	56.00	194.00	2.00	8.25	2.00	3.00
SD74DB-6-144	3772534037	7	4	144.00	56.50	200.50	3.00	8.25	2.00	3.62
SD74CC-13-162.88	3772534042	7	4	163.00	77.00	240.00	2.00	2.00	2.00	2.00
SD74DB-4-171	3772534031	7	4	171.00	62.38	233.38	1.75	7.00	1.75	3.62
SD74DB-7-197	3772534038	7	4	197.00	69.00	266.00	2.50	8.50	2.50	3.69
SD75OO-1-100	3772535004	7	5	100.00	39.50	139.50	BALL	3.00 DIA	BALL	3.00 DIA
SD75OO-2-113	3772535005	7	5	113.50	39.50	153.00	BALL	3.00 DIA	BALL	3.00 DIA

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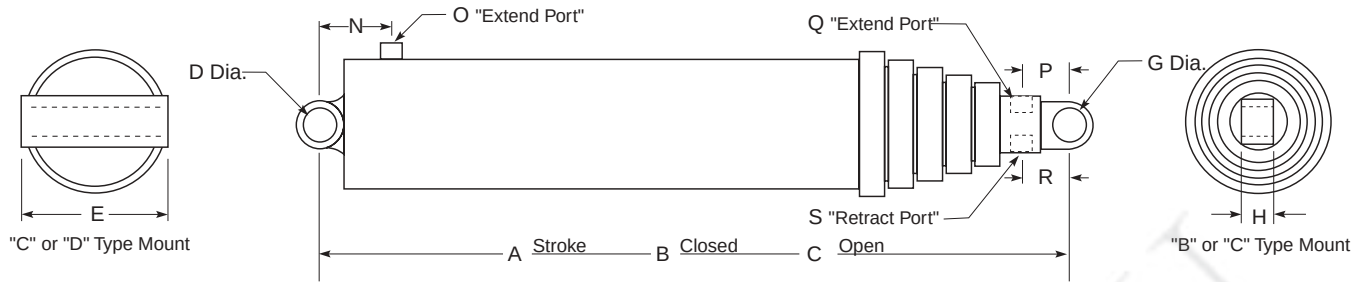


10 DIGIT NUMBER	N LOC.	O SIZE	P LOC.	Q SIZE	R LOC.	S SIZE	GALS TO FILL	GALS TO EXT.	WT. LBS	REBUILD KIT	REPACK KIT
3771433038			3.19"	1" NPT	1.62"	3/4" NPT	4.0	8.6	300	3751804406	3911804109
3771433091			2.00"	#16 SAE	2.00"	#12 SAE	4.3	9.3	310	3751804406	3911804109
3771433095	3.06"	#16 SAE	2.94"	#12 SAE	2.94"	#12 SAE	4.1	9.4	310	3751804437	3911804109
3771433067	3.56"	1" NPT	2.50"	1" NPT	2.50"	1" NPT	4.3	9.4	315	3751804406	3911804109
3771433104	3.12"	1" NPT	2.25"	1" NPT	2.25"	1" NPT	4.5	9.4	315	3751804406	3911804109
3771433072			5.94"	#16 SAE	5.94"	#12 SAE	4.7	9.8	340	3751804406	3911804109
3771433074			4.88"	#12 SAE	4.88"	#8 SAE	4.7	10.2	335	3751804406	3911804109
3771433046			2.25"	3/4" NPT	2.25"	3/4" NPT	4.7	12.7	330	3751804406	3911804109
3771433902			4.62"	#16 SAE	3.25"	#12 SAE	6.2	12.3	614	3751804417	3751804170
3771433068	3.31"	1" NPT	2.50"	1" NPT	2.50"	1" NPT	5.3	14.6	450	3751804406	3911804109
3790004145	SPECIAL	SPECIAL					6.6	8.6	495	3751804922	
3771833006			3.50"	#20 SAE	3.88"	#16 SAE	6.6	8.6	495	3796800060	
3771433906			5.31"	#20 SAE	5.31"	#12 SAE	5.7	13.1	433	3751804417	3751804170
3771433096			3.88"	#20 SAE	3.88"	#16 SAE	6.2	13.9	618	3751804449	3751804278
3771433901			4.62"	#16 SAE	3.25"	#12 SAE	6.6	13.9	618	3751804417	3751804170
3790005820	SPECIAL	SPECIAL					6.6	9.1	550	3751804922	
3771433107			2.25"	#16 SAE	2.25"	#12 SAE	5.9	13.7	400	3751804406	3911804109
3771833007			3.50"	#20 SAE	3.88"	#16 SAE	6.9	9.5	490	3796800060	
3771433103			3.88"	#20 SAE	3.88"	#16 SAE	6.2	15.6	635	3751804449	3751804278
3771433903			4.62"	#16 SAE	3.25"	#12 SAE	6.2	15.6	635	3751804417	3751804170
3771434046			2.38"	#12 SAE	2.38"	#10 SAE	2.5	10.1	300	3751805090	3911804237
3771434037			2.38"	#12 SAE	2.38"	#10 SAE	2.5	10.1	265	3751804320	3911804237
3771434035			2.38"	#12 SAE	2.38"	#10 SAE	3.5	10.7	265	3751804320	3911804237
3771434048	OUT BASE	BLEEDER	2.00"	#16 SAE	2.00"	#16 SAE	7.2	12.6	340	3751804320	3911804237
3771434036			2.38"	#12 SAE	2.38"	#10 SAE	3.9	12.5	310	3751804320	3911804237
3771434044	OUT BASE	BLEEDER	2.00"	#16 SAE	2.00"	#16 SAE	7.2	12.6	340	3751804320	3911804237
3772532018			3.00"	1 1/4" NPT	3.00"	1" NPT	10.5	24.4	650	3751804213	3911804135
3772533069	OUT BASE	BLEEDER	2.50"	#16 SAE	2.50"	#16 SAE	6.3	13.2	465	3751805258	3751804002
3772533050			2.00"	1" NPT	2.00"	3/4" NPT	6.0	13.2	395	3751805258	3751804002
3772533045			3.62"	3/4" NPT	3.62"	1/2" NPT	6.6	14.1	430	3751805258	3751804002
3772533056	3.56"	#16 SAE			2.94"	#12 SAE	5.7	13.8	450	3751805258	3751804002
3772533073	3.56"	#16 SAE			2.94"	#12 SAE	6.4	15.9	485	3751805258	3751804002
3772533024			1.25"	1" NPT	1.25"	3/4" NPT	8.4	18.3	520	3751805258	3751804002
3772533068	OUT BASE	BLEEDER	2.50"	#20 SAE	2.50"	#16 SAE	8.7	18.3	590	3751805258	3751804002
3799000410			3.50"	#12 SAE	3.50"	#12 SAE	4.2	11.3	300	3751804008	3771804003
3772534055			3.50"	#12 SAE	3.50"	#12 SAE	4.2	10.7	525	3751804008	3751804003
3772534040			3.50"	#12 SAE	3.50"	#12 SAE	4.9	11.7	550	3751804008	3751804003
3772534032			3.88"	3/4" NPT	3.88"	3/4" NPT	4.7	12.8	375	3751804008	3751804003
3772534033			6.62"	#20 SAE	6.62"	#16 SAE	5.1	13.1	425	3751804008	3751804003
3799000615			3.50"	#12 SAE	3.50"	#12 SAE	4.9	13.4	440	3751804008	3751804003
3772534037	4.12"	1" NPT	2.25"	1" NPT	2.25"	3/4" NPT	5.2	16.8	445	3751804008	3751804003
3772534042			5.94"	#16 SAE	5.94"	#12 SAE	6.1	15.8	525	3751804008	3751804003
3772534031			2.25"	3/4" NPT	2.25"	3/4" NPT	5.6	16.5	485	3751804008	3751804003
3772534038	3.88"	1" NPT	3.25"	1" NPT	3.25"	1" NPT	6.5	19.3	500	3751804008	3751804003
3772535004	4.38"	#12 SAE			2.12"	#8 SAE	2.8	8.7	285	3751805262	3911804219
3772535005	4.38"	#12 SAE			2.12"	#8 SAE	2.8	9.1	280	3751805262	3911804219

Note; Bold / Highlighted Items are Standard Warehouse Items.

Note; Diameters D and G are for nominal pin size, for actual hole size refer to print.

Note; Nominal Stage OD, refers to the Largest Moving Sleeve.

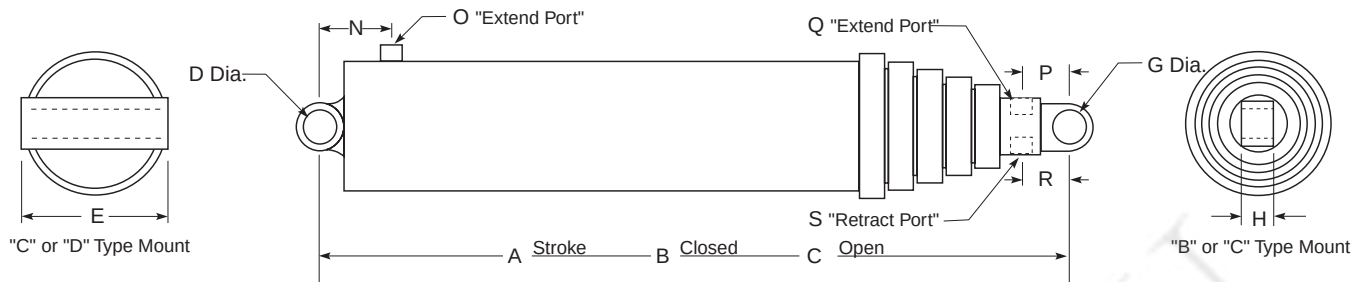


ENGINEERING NUMBER	10 DIGIT NUMBER	NOMINAL STAGE OD	NUMBER STAGES	A STROKE	B CLOSED	C OPEN	D PIN	E WIDTH	G PIN	H WIDTH
SD83CB-16-117	3772933016	8	3	117.00	59.75	176.75	3.19	1.50	1.50	3.62
SD83CC-27-126	3772933013	8	3	126.63	72.13	198.75	2.50	3.00	2.50	3.00
SD83CC-24-131	3773033043	8	3	131.50	60.00	191.50	1.75	2.00	1.75	2.00
SD83CC-24-132	3773033042	8	3	132.00	63.00	195.00	1.75	2.00	1.75	2.00
SD83CB-11-147	3773033030	8	3	147.00	69.00	216.00	2.00	2.00	2.00	3.62
SD83CC-24-156	3772933015	8	3	156.00	73.00	229.00	1.75	2.00	1.75	2.00
SD83GF-2-156	3772933018	8	3	156.00	73.62	229.62	FLANGE	MOUNT	TAPPED	5.63
SD83CB-12-176	3773033033	8	3	176.81	82.00	258.81	1.75	2.00	1.75	2.50
SD83CC-22-176	3773033038	8	3	176.81	82.00	258.81	1.75	2.50	1.75	2.00
SD83GF-2-177	3772933017	8	3	177.00	85.00	262.00	FLANGE	MOUNT	TAPPED	5.63
SD83LF-5-177	3773033027	8	3	177.13	77.50	254.63	2.00	4.00	PLATE	7.00
Note: SD83CB-11- and SD83CB-16 are Skip-A-Sleeve Designs with Plunger and all Sleeves Double Acting										
Note: SD83CB-12-, SD83CB-22-, SD83CC-24 and SD83LF-5 are Skip-A-Sleeve Designs, only Plunger is Double Acting and all Sleeves Single Acting										
SD84CC-21-135	3772934037	8	4	135.25	61.00	196.25	2.00	2.00	2.00	2.00
SD84CC-20-144	3772934036	8	4	144.75	65.00	209.75	1.75	2.00	1.75	2.00
SD84CC-20-178	3772934035	8	4	178.38	69.25	247.63	1.75	2.00	1.75	2.00
SD85CC-15-125	3772935003	8	5	125.00	49.75	174.75	2.00	2.50	2.00	2.50
SD85DC-7-163	3772935036	8	5	163.00	56.00	219.00	2.00	9.25	2.00	3.00
SD85DB-5-220	3773035034	8	5	220.00	65.25	285.25	3.00	9.50	2.50	3.69
SD85CC-19-348	3772935026	8	5	348.00	99.88	447.88	2.00	2.00	2.00	2.00
SD85CC-19-378	3772935027	8	5	378.00	104.75	482.75	2.00	2.00	2.00	2.00
SD85DC-2-380	3772935014	8	5	380.00	101.19	481.19	2.00	9.50	2.00	2.00
SD85DC-2-440	3772935021	8	5	440.00	113.25	553.25	2.00	9.50	2.00	2.00
SD86OO-1-146	3772936002	8	6	146.50	43.31	189.81	BALL	3.00 DIA	BALL	3.00 DIA
SD86CC-1-171	3772936001	8	6	171.00	49.75	220.75	2.00	2.50	2.00	2.50
SD93CC-13-132	3773133011	9	3	132.00	63.00	195.00	1.75	2.00	1.75	2.00
SD93CC-1-147	3777533002	9	3	147.00	69.50	216.50	2.00	2.00	2.00	2.00
SD93LF-1-177	3773133005	9	3	177.00	77.50	254.50	2.00	4.00	SPECIAL	MOUNT
SD93DC-1-177	3773133001	9	3	177.13	82.56	259.69	2.00	11.25	2.50	2.50
Note: SD93CC-1- is a Skip-A-Sleeve Design with Plunger and all Sleeves Double Acting										
Note: SD93CC-13-, SD93LF-1- and SD93DC-1 are Skip-A-Sleeve Designs, only Plunger is Double Acting and all Sleeves Single Acting										
SD94CC-7-176	3778634004	9	4	176.13	69.13	245.25	2.50	3.00	2.50	3.00
SD94CC-8-190	3773134005	9	4	190.00	71.00	261.00	2.25	2.25	2.00	2.00
SD94CC-9-190	3773134006	9	4	190.00	74.00	264.00	2.25	2.25	2.00	2.00
SD95CC-3-160	3773135018	9	5	160.00	61.00	221.00	2.00	2.00	2.00	2.00
SD95DD-1-220	3773135019	9	5	220.00	68.50	288.50	3.00	23.50	3.00	12.00
SD96CC-3-199	3773136009	9	6	199.69	57.56	257.25	2.00	2.00	2.00	2.00

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Note; Diameters D and G are for nominal pin size, for actual hole size refer to print.

Note; Nominal Stage OD, refers to the Largest Moving Sleeve.

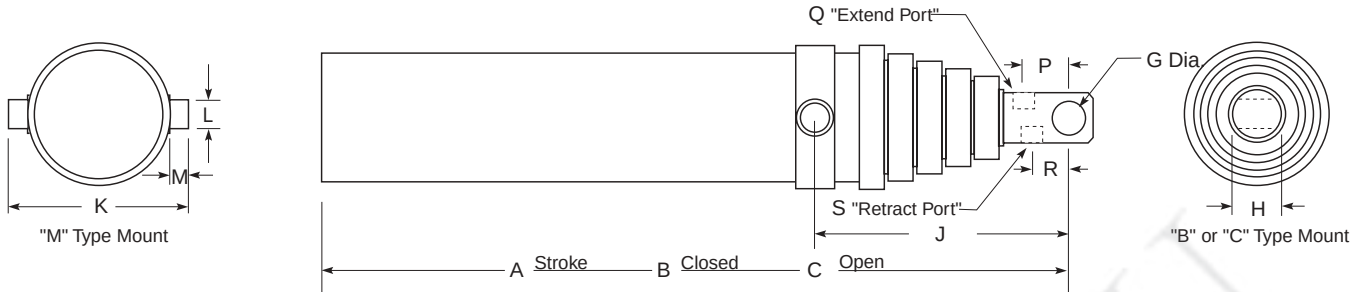


10 DIGIT NUMBER	N LOC.	O SIZE	P LOC.	Q SIZE	R LOC.	S SIZE	GALS TO FILL	GALS TO EXT.	WT. LBS	REBUILD KIT	REPACK KIT
3772933016			3.38"	1/2" NPT	1.62"	1/2" NPT	9.0	21.6	520	3751804611	3751804610
3772933013			5.38"	1 1/4" NPT	5.38"	3/4" NPT	9.4	24.2	633	3751805542	3751804302
3773033043	4.50"	1/2" NPT			2.00"	1/2" NPT	9.4	24.2	575	3751804409	3911804118
3773033042	4.50"	1/2" NPT			2.00"	1/2" NPT	9.8	24.4	575	3751804409	3911804118
3773033030			3.12"	1/2" NPT	1.38"	1/2" NPT	10.9	27.2	650	3751804611	3751804610
3772933015	4.50"	1/2" NPT			2.00"	1/2" NPT	11.4	28.8	645	3751804409	3911804118
3772933018			1.75"	1 1/4" NPT	1.75"	1" NPT	11.5	28.8	650	3751804577	3751804467
3773033033			3.75"	1/2" NPT	2.00"	3/8" NPT	12.6	32.5	815	3751804545	3751804544
3773033038	OUT BASE	3/8" NPT	3.75"	1/2" NPT	2.00"	3/8" NPT	12.6	32.5	815	3751804409	3751804057
3772933017			1.75"	1 1/4" NPT	1.75"	1" NPT	13.3	32.7	680	3751804577	3751804467
3773033027	4.00"	1/2" NPT			SPECIAL	3/8" NPT	12.3	32.7	765	3751804410	3751804057
Note: SD83CB-11- and SD83CB-16 are Skip-A-Sleeve Designs with Plunger and all Sleeves Double Acting											
Note: SD83CB-12-, SD83CB-22-, SD83CC-24 and SD83LF-5 are Skip-A-Sleeve Designs, only Plunger is Double Acting and all Sleeves Single Acting											
3772934037			6.62"	#20 SAE	6.62"	#16 SAE	7.1	21.9	560	3751804007	3911804054
3772934036			3.43"	#24 SAE	3.43"	#12 SAE	8.3	23.4	625	3751804007	3911804054
3772934035			3.43"	#24 SAE	3.43"	#12 SAE	8.8	28.9	665	3751804007	3911804054
3772935003	6.75"	#12 SAE	2.25"	#12 SAE	2.50"	2, #8 SAE	5.4	17.8	505	3751804167	3911804060
3772935036			3.50"	#12 SAE	3.50"	#12 SAE	5.2	22.8	588	3751804167	3911804060
3773035034	4.12"	1" NPT			2.25"	1" NPT	9.9	31.2	609	3751804167	3911804060
3772935026			4.25"	1 1/4" NPT	4.00"	1" NPT	10.6	40.9	885	3751804167	3911804060
3772935027			4.25"	1 1/4" NPT	4.00"	1" NPT	11.3	44.3	1015	3751804167	3911804060
3772935014			4.12"	1 1/4" NPT	4.12"	1" NPT	12.6	44.7	1100	3751804167	3911804060
3772935021			4.12"	1 1/4" NPT	4.12"	1" NPT	14.3	51.8	1175	3751804167	3911804060
3772936002	4.38"	#12 SAE			2.12"	#8 SAE	3.9	18.2	400	3751805177	3911804238
3772936001	6.75"	#12 SAE	2.25"	#12 SAE	2.50"	2, #8 SAE	5.1	21.3	513	3751805177	3911804238
3773133011	4.50"	1/2" NPT			2.00"	1/2" NPT	12.5	25.9	460	3751804465	3751804422
3777533002			3.50"	1/2" NPT	3.50"	1/2" NPT	12.3	28.8	825	3751805244	3751804422
3773133005	4.00"	3/4" NPT			SPECIAL	3/4" NPT	15.4	32.9	1060	3751804562	3751804422
3773133001	3.06"	3/4" NPT			3.75"	3/8" NPT	14.0	34.6	1100	3911804163	3751804422
Note: SD93CC-1- is a Skip-A-Sleeve Design with Plunger and all Sleeves Double Acting											
Note: SD93CC-13-, SD93LF-1- and SD93DC-1 are Skip-A-Sleeve Designs, only Plunger is Double Acting and all Sleeves Single Acting											
3778634004			4.25"	#20 SAE	4.25"	#12 SAE	11.3	39.0	930	3751804027	3751804029
3773134005			4.38"	#20 SAE	4.38"	#16 SAE	11.7	42.1	930	3751804027	3751804029
3773134006			4.38"	#20 SAE	4.38"	#16 SAE	12.3	42.1	950	3751804027	3751804029
3773135018			6.62"	#20 SAE	6.62"	#16 SAE	8.5	31.5	810	3751804055	3751804004
3773135019	4.12"	1" NPT			3.50"	1" NPT	10.1	36.8	857	3751804055	3751804004
3773136009			4.12"	1 1/4" NPT	4.12"	1" NPT	7.3	34.6	795	3751804028	3751804030

Note; Bold / Highlighted Items are Standard Warehouse Items.

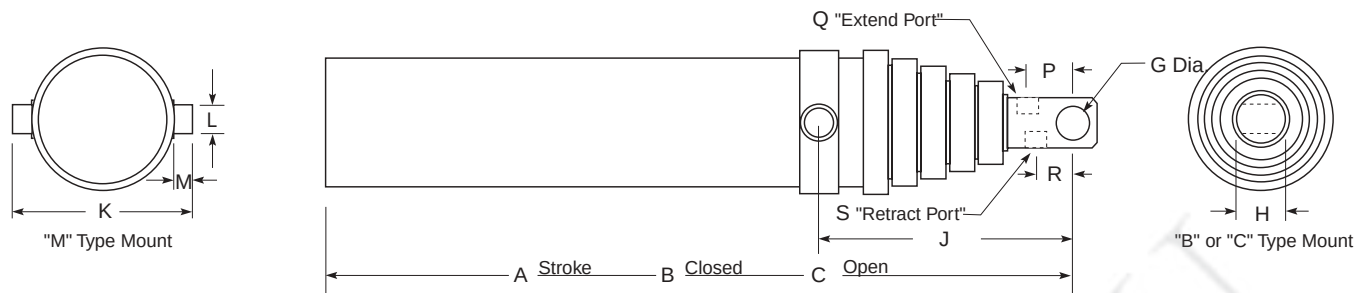
Note; Diameters D and G are for nominal pin size, for actual hole size refer to print.

Note; Nominal Stage OD, refers to the Largest Moving Sleeve.



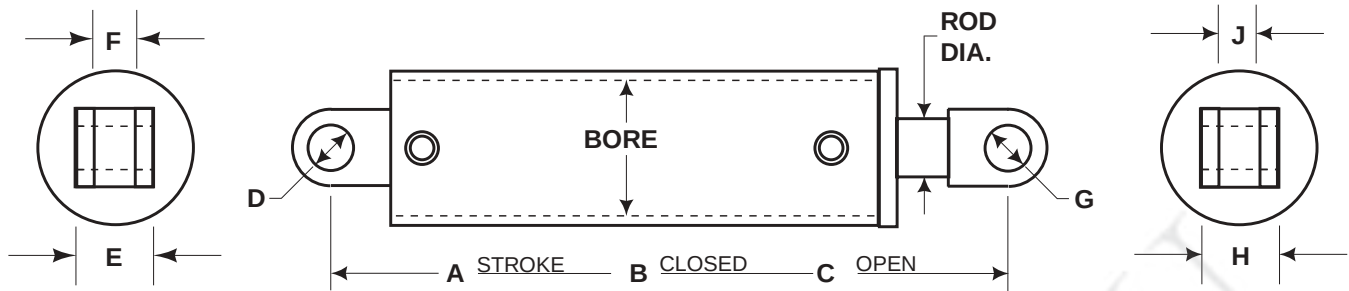
ENGINEERING NUMBER	10 DIGIT NUMBER	NOMINAL STAGE OD	NUMBER STAGES	A STROKE	B CLOSED	C OPEN	G PIN	H WIDTH	J TR to PIN	K WIDTH	L DIA.	M LGTH
SD53MC-4-81	3771533059	5	3	81.00	43.50	124.50	1.75	2.00	13.00	12.00	1.75	1.75
SD53MC-3-120	3771533037	5	3	120.00	56.00	176.00	1.50	2.00	23.25	12.38	1.75	1.69
SD53MC-5-120	3771533070	5	3	120.00	56.06	176.06	1.50	2.00	17.44	12.38	1.75	1.69
SD62MC-10-46	3771432039	6	2	46.00	40.75	86.75	1.75	1.50	33.00	10.12	2.00	1.25
SD63MC-10-108	3771433079	6	3	108.00	52.63	160.63	2.00	2.00	13.00	12.00	1.75	1.75
SD63MC-10-128	3771433081	6	3	128.00	59.44	187.44	2.00	2.00	13.00	12.00	1.75	1.75
SD63MB-12-140	3771433120	6	3	140.00	61.88	201.88	1.75	3.00	14.38	12.38	1.75	1.69
SD63MC-10-153	3771433114	6	3	153.00	67.75	220.75	2.00	2.00	13.00	12.00	1.75	1.75
SD73MC-1-126	3772533055	7	3	126.00	58.63	184.63	2.00	2.00	13.00	12.00	1.75	1.75
SD73MC-2-126	3772533070	7	3	126.00	58.63	184.63	2.00	2.00	13.00	12.00	1.75	1.75
SD73MC-1-142	3772533057	7	3	142.12	64.00	206.12	2.00	2.00	13.00	12.00	1.75	1.75
SD84MC-18-152	3772934021	8	4	152.00	69.00	221.00	1.75	2.00	10.50	14.75	3.00	2.13
SD84MC-21-152	3772934027	8	4	152.00	69.00	221.00	1.75	2.00	10.50	14.75	3.00	2.13
SD84MC-18-176	3772934020	8	4	176.25	69.00	245.25	1.75	2.00	10.50	14.75	3.00	2.13
SD84MC-21-176	3772934026	8	4	176.25	69.00	245.25	1.75	2.00	10.50	14.75	3.00	2.13
SD85MC-15-220	3772935023	8	5	220.25	69.25	289.50	1.75	2.00	10.75	14.75	3.00	2.13
SD85MC-16-220	3772935024	8	5	220.25	69.25	289.50	1.75	2.00	10.75	14.75	3.00	2.13
SD85MC-18-241	3772935028	8	5	241.75	75.50	317.25	3.00	2.63	56.00	15.50	3.00	2.00
SD85MC-20-384	3772935032	8	5	384.00	106.00	490.00	2.00	2.00	46.25	16.00	2.00	2.00
SD85MC-21-384	3772935038	8	5	384.00	106.00	490.00	2.00	2.00	46.25	16.00	3.00	2.00
SD95MC-5-220	3773135012	9	5	220.25	69.75	290.00	3.00	2.50	11.37	17.50	3.00	2.50
SD95MC-6-220	3773135013	9	5	220.25	69.75	290.00	3.00	2.50	11.37	17.50	3.00	2.50
SD95MC-7-239	3773135017	9	5	239.25	75.00	314.25	3.00	2.63	56.00	17.25	3.00	2.00
SD96MC-8-384	3773136017	9	6	384.00	95.00	479.00	2.00	2.00	46.25	16.00	3.00	2.00
SD96MC-5-412	3773136006	9	6	412.00	99.62	511.62	2.00	2.00	46.25	16.00	3.00	2.00
SD96MC-5-456	3773136007	9	6	456.00	107.00	563.00	2.00	2.00	46.25	16.00	3.00	2.00
SD96MC-5-480	3773136008	9	6	480.00	110.88	590.88	2.00	2.00	46.25	16.00	3.00	2.00
SD96MC-8-480	3773136025	9	6	480.00	110.88	590.88	2.00	2.00	46.25	16.00	3.00	2.00
Note: SD84MC-18-, SD85MC-15- and SD95MC-6- are 3 Port Quick Sweep Design.												

Note; Bold / Highlighted Items are Standard Warehouse Items.
Note; Diameters G are for nominal pin size, for actual hole size refer to print.
Note; Nominal Stage OD, refers to the Largest Moving Sleeve.



10 DIGIT NUMBER	P LOCATION	Q SIZE	R LOCATION	S SIZE	GALS TO FILL	GALS TO EXTEND	WT LBS	REBUILD KIT	REPACK KIT
3771533059	3.00"	#12 SAE	3.00"	#8 SAE	1.7	5.1	200	3751804201	3911804020
3771533037	2.50"	3/4" NPT	2.50"	1/2" NPT	3.1	6.2	280	3751804201	3911804020
3771533070	2.50"	3/4" NPT	2.50"	1/2" NPT	3.1	6.2	280	3751804201	3911804020
3771432039	3.06"	1 1/4" NPT	3.06"	3/4" NPT	2.1	4.6	225	3751804435	3751804026
3771433079	3.00"	#16 SAE	3.00"	#16 SAE	3.9	8.6	295	3751804406	3911804109
3771433081	3.00"	#16 SAE	3.00"	#16 SAE	4.7	10.0	320	3751804406	3911804109
3771433120	1.75"	1" NPT	1.75"	3/4" NPT	5.9	13.1	425	3751804406	3911804109
3771433114	3.00"	#16 SAE	3.00"	#16 SAE	6.1	14.8	440	3751804406	3911804109
3772533055	3.00"	#16 SAE	3.00"	#16 SAE	6.2	14.6	450	3751805258	3751804002
3772533070	3.00"	#16 SAE	3.00"	#16 SAE	6.2	14.6	450	3751805258	3751804002
3772533057	3.00"	#16 SAE	3.00"	#16 SAE	7.6	16.9	490	3751805258	3751804002
3772934021	3.12"	1, 3/4" NPT	3.12"	3/4" NPT	9.5	24.6	770	3751804007	3911804054
3772934027	3.12"	1 1/4" NPT	3.12"	3/4" NPT	9.5	24.6	759	3751804007	3911804054
3772934020	3.12"	1, 3/4" NPT	3.12"	3/4" NPT	9.5	28.5	770	3751804007	3911804054
3772934026	3.12"	1 1/4" NPT	3.12"	3/4" NPT	9.5	28.5	765	3751804007	3911804054
3772935023	3.12"	1, 3/4" NPT	3.12"	3/4" NPT	7.1	31.2	830	3751804167	3911804060
3772935024	3.12"	1 1/4" NPT	3.12"	3/4" NPT	7.1	31.2	830	3751804167	3911804060
3772935028	4.62"	#20 SAE	4.62"	#12 SAE	10.4	48.1	850	3751804167	3911804060
3772935032	4.12"	1 1/4" NPT	4.12"	1" NPT	13.1	54.5	1127	3751804167	3911804060
3772935038	3.50"	1 1/4" NPT	3.25"	1" NPT	13.1	54.5	1130	3751804167	3911804060
3773135012	3.88"	1 1/2" NPT	3.88"	1" NPT	11.5	43.1	1065	3751804055	3751804004
3773135013	3.88"	1, 1 1/2" NPT	3.88"	1" NPT	11.5	43.1	1065	3751804055	3751804004
3773135017	4.62"	#20 SAE	4.62"	#12 SAE	13.9	46.9	1160	3751804055	3751804004
3773136017	3.50"	#20 SAE	3.50"	#16 SAE	13.6	69.4	1545	3751804050	3751804030
3773136006	4.12"	1 1/4" NPT	4.12"	1" NPT	14.8	71.5	1545	3751804050	3751804030
3773136007	4.12"	1 1/4" NPT	4.12"	1" NPT	16.1	79.2	1645	3751804050	3751804030
3773136008	4.12"	1 1/4" NPT	4.12"	1" NPT	16.7	83.3	1710	3751804050	3751804030
3773136025	3.50"	#20 SAE	3.50"	#16 SAE	16.7	83.3	1750	3751804050	3751804030
Note: SD84MC-18-, SD85MC-15- and SD95MC-6- are 3 Port Quick Sweep Design.									

Note; Bold / Highlighted Items are Standard Warehouse Items.
 Note; Diameters G are for nominal pin size, for actual hole size refer to print.
 Note; Nominal Stage OD, refers to the Largest Moving Sleeve.

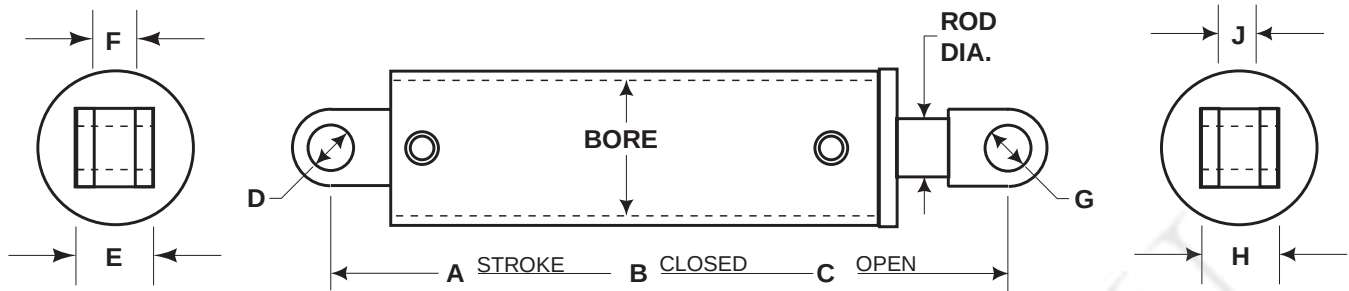


ENGINEERING NUMBER	10 DIGIT NUMBER	BORE I.D.	ROD O.D.	A STROKE	B CLOSED	C OPEN	D PIN	E WIDTH	F GAP	G PIN	H WIDTH	J GAP
D15DD-3-66	3776921019	1.50	1.00	66.00	87.00	153.00	1.25	5.62		1.25	4.75	
B5799	3790005799	1.75	1.12	71.88	85.12	157.00	SPL	MNT		THD	0.75-16	
D20DD-4-6.25	3770121125	2.00	1.00	6.25	14.50	20.75	1.00	2.50		1.00	2.50	
B5429	3790005429	2.00	1.00	6.25	14.50	20.75	1.00	2.50		1.00	2.50	
B6225	3790006225	2.00	1.25	3.94	14.12	18.06	N/A	2.50		N/A	1.25	
D20CC-6-4	3770121131	2.00	1.25	4.00	14.00	18.00	1.00	1.00		1.00	0.75	
B6546	3790006546	2.00	1.25	8.12	22.38	30.50	1.00	3.00		1.00	2.00	
B6387	3790006387	2.00	1.25	9.12	22.38	31.50	1.00	3.00		1.00	2.00	
D20CL-2-12.75	3770121132	2.00	1.25	12.75	23.65	36.40	1.00	1.00		1.00	2.25	1.25
D20LL-4-17.50	3790004957	2.00	1.25	17.50	28.50	46.00	1.00	2.25	1.25	1.00	2.25	1.25
B4708	3790004708	2.00	1.25	20.00	30.75	50.75	1.00	2.25	1.25	1.00	2.25	1.25
D20LL-7-24	3770121134	2.00	1.25	24.00	38.75	62.75	1.00	2.28	1.28	1.00	2.28	1.28
D20DD-3-67	3770121123	2.00	1.25	67.00	79.50	146.50	1.00	1.25		1.00	4.62	
B4388	3790004388	2.00	1.50	95.00	105.00	200.00	1.25	3.00		1.25	2.00	
B4662	3790004662	2.00	1.50	107.00	117.00	224.00	1.25	3.00		1.25	2.00	
B5387	3790005387	2.50	1.50	12.00	22.25	34.25	1.00	2.50	1.50	1.00	1.81	1.06
D25CC-10-14.12	3772621119	2.50	1.50	14.12	25.00	39.12	1.50	2.00		1.50	2.00	
D25LL-12-16	3772621129	2.50	1.50	16.00	26.25	42.25	1.00	2.63	1.13	1.00	2.63	1.13
D25LL-8-38	3772621116	2.50	1.50	38.00	49.00	87.00	1.12	2.25	1.25	1.13	2.25	1.25
D25LD-3-66	3772621122	2.50	1.50	66.00	76.00	142.00	1.25	1.88	1.13	1.25	2.50	
D25LL-15-71.50	3772621134	2.50	1.50	71.50	88.25	159.75	1.00	2.13	1.13	1.00	2.13	1.13
D25LL-15-84	3772621133	2.50	1.50	84.00	100.75	184.75	1.00	2.13	1.13	1.00	2.13	1.13
D25CC-12-87.50	3772621126	2.50	1.50	87.50	116.00	203.50	1.00	0.50		1.00	0.50	
D25LD-2-90	3772621121	2.50	1.50	90.00	100.00	190.00	1.25	2.13	1.13	1.25	2.50	
D25LL-13-90	3772621130	2.50	1.50	90.00	105.38	195.38	1.00	2.13	1.13	1.00	2.13	1.13
D25LD-3-94	3772621123	2.50	1.50	94.00	104.00	198.00	1.25	1.88	1.13	1.25	2.50	
D25CC-12-100.50	3772621127	2.50	1.50	100.50	116.00	216.50	1.00	0.50		1.00	0.50	
D25DD-4-24	3772621097	2.50	1.75	24.00	33.50	57.50	1.00	3.25		1.00	3.25	
D25LL-9-36	3772621124	2.50	1.75	36.00	48.00	84.00	1.25	2.13	1.13	1.25	2.13	1.13
D25LL-14-42	3772621131	2.50	1.75	42.00	56.00	98.00	1.25	2.13	1.13	1.25	2.13	1.13
D25DD-3-63	3772621095	2.50	1.75	63.00	74.25	137.25	1.00	4.25		1.00	4.25	
B5654	3790005654	3.00	1.12	8.00	16.38	24.38	1.00	1.00		DRILLED	TPD	
B5743	3790005743	3.00	1.12	8.00	16.38	24.38	1.00	1.00		DRILLED	TPD	
B5866	3790005866	3.00	1.12	18.50	26.63	45.13	0.75	1.00		THD	1.00-14	
D30DL-2-15.375	3770521054	3.00	1.25	15.38	24.25	39.63	1.00	4.00		1.00	2.13	1.13
D30CA-2-3.62	3770521101	3.00	1.50	3.63	15.00	18.63	1.00	1.00		N/A	1.50	
D30DD-12-9.12	3790005740	3.00	1.50	9.12	22.38	31.50	2.00	4.00		2.00	2.00	
D30DC-2-17.38	3770521097	3.00	1.50	17.37	26.62	43.99	1.25	3.25		1.50	1.69	
D30CL-3-18.44	3770521099	3.00	1.50	18.44	27.50	45.94	1.13	1.00		1.13	2.00	1.09
D30CC-13-21.62	3770521098	3.00	1.50	21.62	35.00	56.62	1.50	1.50		1.50	2.00	
D30DD-9-23	3770521067	3.00	1.50	23.00	33.75	56.75	1.25	3.50		1.25	2.50	
C4438	3790004438	3.00	1.50	25.25	34.25	59.50	1.00	1.00		1.13	2.00	1.13
D30CL-2-25.25	3770521093	3.00	1.50	25.25	34.25	59.50	1.00	0.75		1.13	2.00	1.13
D30LL-7-26.50	3770521094	3.00	1.50	26.50	38.41	64.91	1.25	5.88		1.00	2.13	1.13
D30CC-16-30.50	3770521106	3.00	1.50	30.50	43.88	74.38	1.25	1.88		1.25	1.88	
B6347	3790006347	3.00	1.75	20.00	37.50	57.50	1.50	1.50		1.50	2.50	

Note: The drawing above is for General Reference Only, Listed Cylinders may have Pin Eye Bushings, Bearings, Ports Flow Tubes or Other Options

Note: Diameters D and G are for nominal pin size, for actual hole size refer to print.

Note: Bold / Highlighted Items are Standard Warehouse Items.

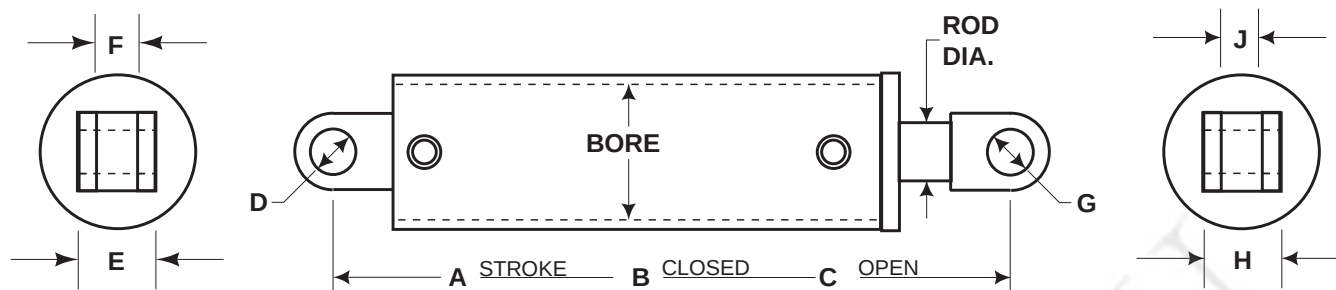


10 DIGIT NUMBER	EXTEND PORT	RETRACT PORT	GALS TO RET.	GALS TO EXT.	WT. LBS	REBUILD KIT
3776921019	#10 SAE O-RING	#10 SAE O-RING	0.30	0.50	60	3751805502
3790005799	#8 SAE O-RING	#8 SAE O-RING	0.44	0.75	70	3796805799
3770121125	#4 SAE O-RING	#4 SAE O-RING	0.06	0.09	40	3796805429
3790005429	#4 SAE O-RING	#4 SAE O-RING	0.06	0.09	40	3796805429
3790006225	#6 OR OUT BASE	#6 SAE O-RING	0.04	0.04	40	3751805569
3770121131	#8 SAE O-RING	#8 SAE O-RING	0.03	0.05	40	3751805285
3790006546	#6 SAE O-RING	#6 SAE O-RING	0.07	0.11	40	3796806387
3790006387	#6 SAE O-RING	#6 SAE O-RING	0.08	0.13	40	3796806387
3770121132	#6 SAE O-RING	#8 SAE O-RING	0.11	0.17	40	3751805509
3790004957	#6 SAE O-RING	#6 SAE O-RING	0.15	0.25	42	3751805102
3790004708	#6 SAE O-RING	#6 SAE O-RING	0.17	0.28	44	3796804708
3770121134	3/8" NPT	3/8" NPT	0.20	0.32	50	3751805285
3770121123	#6 SAE O-RING	#6 SAE O-RING	0.56	0.91	120	3751805245
3790004388	#6 SAE O-RING	#6 SAE O-RING	0.56	1.30	140	3796804388
3790004662	#6 SAE O-RING	#6 SAE O-RING	0.64	1.46	155	3796804388
3790005387	#6 SAE O-RING	#6 SAE O-RING	0.17	0.26	35	3796805387
3772621119	#6 SAE O-RING	#6 SAE O-RING	0.19	0.30	35	3751805446
3772621129	1/4" NPT	1/4" NPT	0.25	0.34	40	3751805446
3772621116	#6 SAE O-RING	#6 SAE O-RING	0.52	0.82	59	3796806390
3772621122	1/2" NPT	1/2" NPT	0.90	1.40	95	3751805360
3772621134	#8 SAE O-RING	#8 SAE O-RING	0.98	1.52	105	3751805446
3772621133	#8 SAE O-RING	#8 SAE O-RING	1.14	1.78	120	3751805446
3772621126	#8 SAE O-RING	#8 SAE O-RING	1.19	1.86	136	3751805360
3772621121	1/2" NPT	1/2" NPT	1.22	1.91	150	3751805446
3772621130	1/2" NPT	1/2" NPT	1.25	1.91	123	3751805446
3772621123	1/2" NPT	1/2" NPT	1.28	2.00	150	3751805360
3772621127	#8 SAE O-RING	#8 SAE O-RING	1.37	2.13	132	3751805360
3772621097	#8 SAE O-RING	#8 SAE O-RING	0.26	0.51	60	3751804177
3772621124	#6 SAE O-RING	#6 SAE O-RING	0.40	0.76	65	3751805482
3772621131	#6 SAE O-RING	#6 SAE O-RING	0.47	0.90	75	3751805482
3772621095	#8 SAE O-RING	#8 SAE O-RING	0.69	1.34	90	3751804177
3790005654	#8 SAE O-RING	#8 SAE O-RING	0.21	0.25	25	3796805654
3790005743	#8 SAE O-RING	#8 SAE O-RING	0.21	0.25	25	3796805743
3790005866	#8 SAE O-RING	#8 SAE O-RING	0.49	0.57	36	3796805866
3770521054	#8 SAE O-RING	#8 SAE O-RING	0.39	0.48	40	3751804194
3770521101	#8 SAE O-RING	#8 SAE O-RING	0.08	0.11	40	3751805463
3790005740	#6 SAE O-RING	#6 SAE O-RING	0.21	0.28	55	3796805740
3770521097	#8 SAE O-RING	#8 SAE O-RING	0.42	0.53	55	3751805463
3770521099	3/8" NPT	3/8" NPT	0.42	0.56	55	3751805463
3770521098	#8 SAE O-RING	#8 SAE O-RING	0.50	0.67	60	3771805516
3770521067	#8 SAE O-RING	#8 SAE O-RING	0.53	0.71	60	3751804285
3790004438	#8 SAE O-RING	#8 SAE O-RING	0.58	0.78	60	3751805192
3770521093	#6 SAE O-RING	#6 SAE O-RING	0.58	0.78	60	3751805463
3770521094	3/8" NPT	3/8" NPT	0.61	0.81	64	3751805463
3770521106	#12 SAE O-RING	#12 SAE O-RING	0.70	0.93	70	3751805545
3790006347	#8 SAE O-RING	#8 SAE O-RING	0.41	0.62	63	3796806347

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Note; Diameters D and G are for nominal pin size, for actual hole size refer to print.

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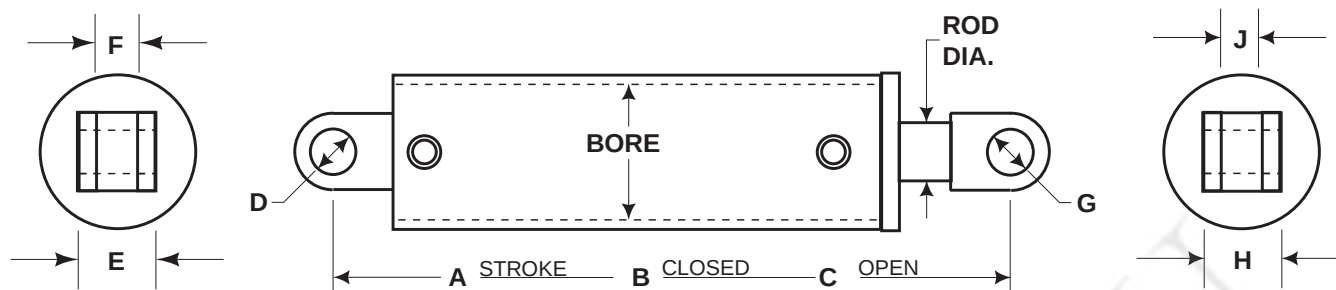


ENGINEERING NUMBER	10 DIGIT NUMBER	BORE I.D.	ROD O.D.	A STROKE	B CLOSED	C OPEN	D PIN	E WIDTH	F GAP	G PIN	H WIDTH	J GAP
B6310	3790006310	3.00	1.75	20.75	33.00	53.75	1.50	1.50		1.50	3.00	
D30DD-7-21.12	3770521057	3.00	1.75	21.13	30.38	51.50	1.25	3.75		1.25	3.00	
D30CD-11-21.25	3770521104	3.00	1.75	21.25	33.00	54.25	1.50	1.50		1.50	3.00	
B5806	3790005806	3.00	1.75	24.00	33.25	57.25	1.00	1.00		1.00	2.38	1.13
D30LD-4-24	3770521071	3.00	1.75	24.75	35.62	60.37	2.00	2.63	1.38	2.00	3.50	
D30CD-7-24.75	3770521058	3.00	1.75	24.75	35.62	60.37	2.00	2.00		2.00	3.50	
D30CD-10-28	3770521102	3.00	1.75	28.00	40.75	68.75	1.50	1.50		1.50	3.50	
B5162	3790005162	3.00	1.75	28.19	38.00	66.19	1.00	1.00		1.00	1.50	
D30LD-2-33.38	3770521048	3.00	1.75	33.38	46.12	79.50	1.00	2.50	1.25	1.00	2.00	
B4775	3790004775	3.00	1.75	36.00	48.00	84.00	1.50	2.75	1.50	1.50	2.75	1.50
B5642	3790005642	3.00	1.75	36.00	48.00	84.00	1.50	2.75	1.50	1.50	2.25	
C4539	3790004539	3.00	2.00	14.00	25.00	39.00	1.50	4.00		1.50	3.00	
B5653	3790005653	3.00	2.00	16.06	25.31	41.37	1.00	1.00		DRILLED	TPD	
D30LD-5-28.62	3770521095	3.00	2.00	28.63	70.62	99.25	1.50	3.38	2.38	1.50	2.00	
D30LD-6-28.62	3770521103	3.00	2.00	28.63	70.62	99.25	1.50	3.94	2.94	1.50	2.00	
C4133	3790004133	3.00	2.00	31.00	41.25	72.25	1.12	2.50	1.50	1.13	2.50	1.50
D30LC-2-31.5	3770521105	3.00	2.00	31.50	44.00	75.50	1.25	2.75	1.75	3.00	2.00	
D30DD-4-89	3770521049	3.00	2.00	89.00	100.25	189.25	1.00	4.25		1.00	4.25	
C5219	3790005219	3.25	2.00	31.00	41.25	72.25	1.13	2.50	1.50	1.13	2.50	1.50
C5220	3790005220	3.25	2.00	38.00	49.00	87.00	1.13	2.50	1.50	1.13	2.50	1.50
D35CD-10-20	3773821065	3.50	1.50	20.00	31.44	51.44	1.25	1.50		1.25	2.00	
D35LD-2-16.5	3774021003	3.50	1.75	16.50	27.50	44.00	1.50	2.38	1.13	1.50	2.50	
D35LD-5-19	3773821057	3.50	1.75	19.00	30.75	49.75	1.00	2.38	1.13	1.25	4.13	
D35LD-3-23.25	3774021004	3.50	1.75	23.25	34.25	57.50	1.50	2.38	1.13	1.50	2.50	
D35DL-2-26.31	3774021006	3.50	1.75	26.31	38.69	65.00	1.25	4.25		1.25	2.75	1.75
C4621	3790004621	3.50	2.00	13.00	29.00	42.00	2.00	4.50		2.00	1.75	
B5495	3790005495	3.50	2.00	14.75	29.25	44.00	2.00	4.50		2.00	4.50	
B5899	3790005899	3.50	2.00	14.75	29.25	44.00	2.00	4.50		2.00	4.50	
D35DD-3-16	3790005389	3.50	2.00	16.00	24.00	40.00	1.50	4.00		1.50	4.00	
B5072	3790005072	3.50	2.00	17.88	38.75	56.63	2.00	4.50		2.00	5.50	
D35DD-1-17.88	3790005501	3.50	2.00	17.88	42.75	60.63	2.00	4.50		2.00	5.50	
D35CC-16-26	3790004398	3.50	2.00	26.00	47.50	73.50	1.50	1.50		1.50	2.50	
D35CD-9-26.75	3773821061	3.50	2.00	26.75	37.50	64.25	1.25	1.50		1.25	2.50	
B4773	3790004773	3.50	2.00	38.00	51.00	89.00	1.50	1.50		1.50	2.00	
B5773	3790005773	3.50	2.00	38.00	57.00	95.00	1.50	1.50		1.50	2.00	
B6148	3790006148	3.50	2.00	38.00	57.00	95.00	1.50	1.50		1.50	2.50	
B6311	3790006311	3.50	2.00	42.00	54.75	96.75	1.75	1.50		1.75	1.50	
D35CD-7-51.31	3774021009	3.50	2.00	51.31	67.69	119.00	2.00	2.00		2.00	2.00	
D35CC-17-21.62	3773821056	3.50	2.25	21.63	32.63	54.25	1.50	2.00		1.50	2.00	
D35DB-2-14.25	3774021007	3.50	2.50	14.25	27.00	41.25	1.25	4.25		1.25	2.50	
D35LL-9-30	3773821058	3.50	2.50	29.81	39.34	69.15	1.25	2.13	1.13	1.25	2.13	1.13
D35LL-9-38	3773821059	3.50	2.50	37.81	47.34	85.15	1.25	2.13	1.13	1.25	2.13	1.13
B6071	3790006071	3.50	2.50	80.00	95.00	175.00	4.25	1.25		2.50	1.25	

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Note: Diameters D and G are for nominal pin size, for actual hole size refer to print.

Note: Bold / Highlighted Items are Standard Warehouse Items.

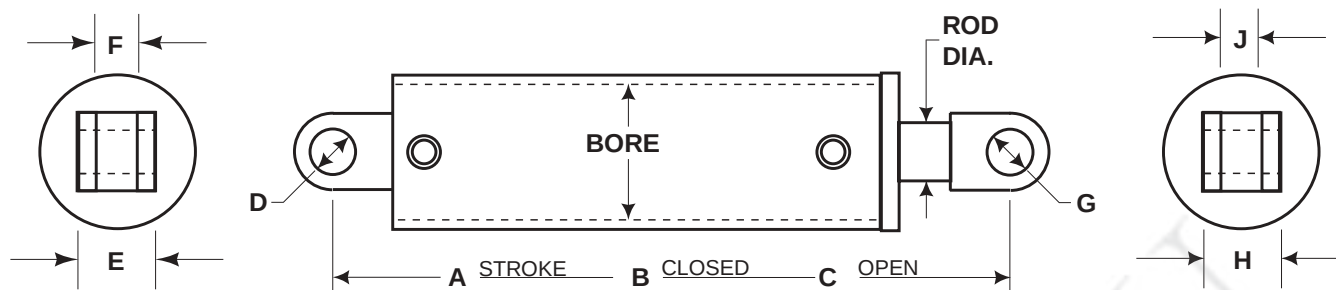


10 DIGIT NUMBER	EXTEND PORT	RETRACT PORT	GALS TO RET.	GALS TO EXT.	WT. LBS	REBUILD KIT
3790006310	#8 SAE O-RING	#8 SAE O-RING	0.42	0.64	65	3796806310
3770521057	#8 SAE O-RING	#8 SAE O-RING	0.43	0.65	68	3751804178
3770521104	#8 SAE O-RING	#8 SAE O-RING	0.43	0.65	68	3751805506
3790005806	#8 SAE O-RING	#8 SAE O-RING	0.49	0.74	70	3751805567
3770521071	#16 SAE O-RING	#16 SAE O-RING	0.50	0.76	72	3751804248
3770521058	#16 SAE O-RING	#16 SAE O-RING	0.50	0.76	72	3751804248
3770521102	#8 SAE O-RING	#8 SAE O-RING	0.57	0.86	72	3751805500
3790005162	#8 SAE O-RING	#8 SAE O-RING	0.57	0.87	75	3796805162
3770521048	#6 SAE O-RING	#6 SAE O-RING	0.70	1.10	75	3751804178
3790004775	#8 SAE O-RING	#8 SAE O-RING	0.73	1.11	83	3796804775
3790005642	#8 SAE O-RING	#8 SAE O-RING	0.73	1.11	83	3796805642
3790004539	#8 SAE O-RING	#8 SAE O-RING	0.24	0.43	60	3796804539
3790005653	#8 SAE O-RING	#8 SAE O-RING	0.28	0.50	65	3796805653
3770521095	#8 SAE O-RING	#8 SAE O-RING	0.50	0.88	100	3751805369
3770521103	#8 SAE O-RING	#8 SAE O-RING	0.50	0.88	110	3751805369
3790004133	#6 SAE O-RING	#6 SAE O-RING	0.53	0.95	85	3796804133
3770521105	#6 SAE O-RING	#6 SAE O-RING	0.54	0.97	80	3751805369
3770521049	#8 SAE O-RING	#8 SAE O-RING	1.52	2.73	170	3751804179
3790005219	#6 SAE O-RING	#6 SAE O-RING	0.70	1.12	85	3796805219
3790005220	#6 SAE O-RING	#6 SAE O-RING	0.85	1.38	85	3796805220
3773821065	#12 SAE O-RING	#12 SAE O-RING	0.68	0.83	55	3751805377
3774021003	#8 SAE O-RING	#6 SAE O-RING	0.52	0.69	85	3751804173
3773821057	#8 SAE O-RING	#8 SAE O-RING	0.60	0.80	95	3751805480
3774021004	#8 SAE O-RING	#8 SAE O-RING	0.73	0.97	105	3751804173
3774021006	#12 SAE O-RING	#8 SAE O-RING	0.83	1.10	110	3751804246
3790004621	#6 SAE O-RING	#6 SAE O-RING	0.37	0.55	80	3796804621
3790005495	#6 SAE O-RING	#6 SAE O-RING	0.42	0.62	85	3796805495
3790005899	#6 SAE O-RING	#6 SAE O-RING	0.42	0.62	85	3796805899
3790005389	#8 SAE O-RING	#8 SAE O-RING	0.45	0.67	85	3796805389
3790005072	#6 SAE O-RING	#6 SAE O-RING	0.51	0.75	85	3796805072
3790005501	#6 SAE O-RING	#6 SAE O-RING	0.51	0.75	90	3796805501
3790004398	#8 SAE O-RING	#8 SAE O-RING	0.73	1.08	100	3796804398
3773821061	#8 SAE O-RING	#8 SAE O-RING	0.75	1.11	80	3751805450
3790004773	#8 SAE O-RING	#8 SAE O-RING	1.07	1.58	119	3796804773
3790005773	#12 SAE O-RING	#12 SAE O-RING	1.07	1.58	120	3796805773
3790006148	#12 SAE O-RING	#12 SAE O-RING	1.07	1.58	120	3796806148
3790006311	#6 SAE O-RING	#6 SAE O-RING	1.18	1.75	100	3796806311
3774021009	#16 SAE O-RING	#16 SAE O-RING	1.45	2.14	130	3751804247
3773821056	#12 SAE O-RING	#12 SAE O-RING	0.53	0.90	70	3751805444
3774021007	#8 SAE O-RING	#8 SAE O-RING	0.30	0.60	80	3751804281
3773821058	3/8" NPT	3/8" NPT	0.61	1.25	90	3751805461
3773821059	3/8" NPT	3/8" NPT	0.78	1.58	106	3751805461
3790006071	#8 SAE O-RING	#8 SAE O-RING	1.64	3.34	223	3796806071

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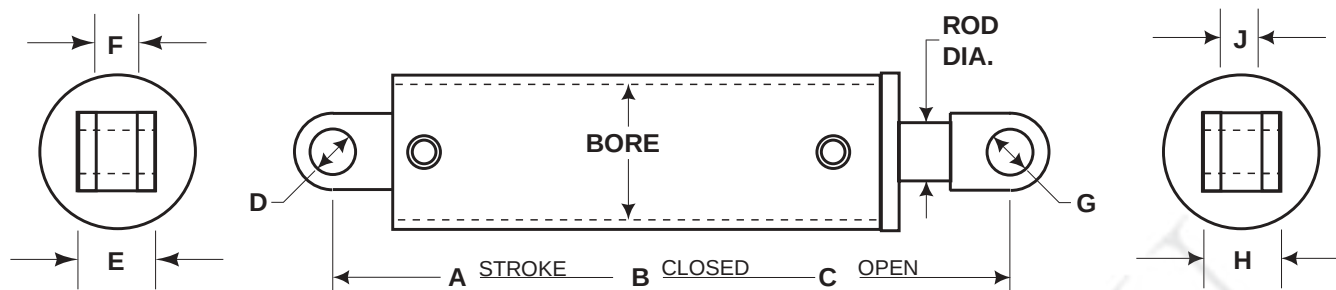


ENGINEERING NUMBER	10 DIGIT NUMBER	BORE I.D.	ROD O.D.	A STROKE	B CLOSED	C OPEN	D PIN	E WIDTH	F GAP	G PIN	H WIDTH	J GAP
D40CB-8-21	3776821085	4.00	1.50	21.00	32.50	53.50	1.00	1.50		0.75	1.50	
D40DL-2-30.38	3776821029	4.00	1.75	30.38	43.75	74.13	1.25	4.75		1.25	2.75	1.75
D40CD-11-15	3776821074	4.00	2.00	15.00	29.13	44.13	1.75	1.50		1.75	2.25	
D40LD-2-16.5	3776821020	4.00	2.00	16.50	27.50	44.00	2.00	2.63	1.38	2.00	4.00	
D40CD-9-21.50	3776821077	4.00	2.00	21.50	45.94	67.44	1.50	1.50		1.50	3.00	
D40LD-4-21.75	3776821041	4.00	2.00	21.75	38.62	60.37	2.00	2.63	1.38	2.00	3.50	
D40CD-8-22	3776821067	4.00	2.00	22.00	36.00	58.00	1.50	2.88		1.50	2.50	
D40DD-16-22.50	3776821069	4.00	2.00	22.50	33.12	55.62	1.50	4.50		1.50	2.25	
D40DD-19-22.50	3776821080	4.00	2.00	22.50	33.12	55.62	1.50	4.50		1.50	2.25	
D40CL-3-23.50	3776821076	4.00	2.00	23.38	34.50	57.88	1.75	1.50		1.25	2.50	1.25
D40CE-3-24	3776821073	4.00	2.00	24.00	41.00	65.00	1.50	1.50		THD	2.00-8	
D40CD-10-24	3776821072	4.00	2.00	24.00	43.50	67.50	1.50	1.50		1.50	3.00	
D40CD-9-24	3776821071	4.00	2.00	24.00	43.50	67.50	1.50	1.50		1.50	3.00	
D40LD-5-24.75	3776821042	4.00	2.00	24.75	35.62	60.37	2.00	2.63	1.38	2.00	3.50	
D40LD-3-24.75	3776821027	4.00	2.00	24.75	35.62	60.37	2.00	2.63	1.38	2.00	3.50	
D40LD-6-24.75	3776821044	4.00	2.00	24.75	38.62	63.37	2.00	2.63	1.38	2.00	3.50	
D40CD-14-25	3776821084	4.00	2.00	25.00	36.00	61.00	1.50	2.88		1.50	2.50	
D4131	3790004131	4.00	2.00	26.00	47.50	73.50	1.50	1.50		1.50	1.50	
D40CD-12-28	3776821075	4.00	2.00	28.00	40.38	68.38	1.25	1.50		1.25	2.50	
B5548	3790005548	4.00	2.00	45.38	57.37	102.75	1.50	2.88	1.62	1.50	3.38	
B6178	3790006178	4.00	2.00	46.00	63.12	109.12	2.00	2.00		2.00	2.00	
C3847	3790003847	4.00	2.50	21.63	32.63	54.25	1.50	2.00		1.50	2.00	
D40DD-10-21.62	3776821019	4.00	2.50	21.63	33.31	54.94	2.00	5.13		2.00	3.62	
D40CC-16-24.81	3776821024	4.00	2.50	24.81	34.31	59.13	1.50	3.00		1.50	3.00	
D40LB-1-35.31	3776821021	4.00	2.50	35.31	51.44	86.75	1.25	2.75	1.75	1.25	2.50	
D40CD-13-37	3776821078	4.00	2.50	37.00	48.00	85.00	1.50	2.00		1.50	3.00	
D40DD-17-42	3776821070	4.00	2.50	42.00	52.50	94.50	1.50	4.50		1.50	2.25	
D40CB-7-42	3776821030	4.00	2.50	42.00	53.06	95.06	1.50	2.50		1.50	2.50	
B5609	3790005609	4.00	2.50	72.00	86.50	158.50	TR	TR		1.50	3.00	
D40DB-3-25.62	3776821025	4.00	2.75	25.62	37.62	63.24	1.50	4.63		1.50	2.63	
D40DB-3-28.5	3776821022	4.00	2.75	28.50	37.62	66.12	1.50	4.63		1.50	2.63	
D4291	3790004291	4.00	3.00	23.00	36.06	59.06	2.00	5.75		2.00	3.50	
D4143	3790004143	4.00	3.00	23.50	34.00	57.50	1.75	5.00		1.75	2.00	
B6622	3790006622	4.00	3.00	39.50	54.38	93.88	2.00	6.12		2.00	5.62	
B6643	3790006643	4.00	3.00	52.75	68.00	120.75	2.00	6.12		2.00	5.00	
D45LD-5-21.75	3774121016	4.50	2.00	21.75	38.62	60.37	2.00	2.63	1.38	2.00	3.50	
D45LD-6-24	3774121017	4.50	2.00	24.75	35.62	60.37	2.00	2.63	1.38	2.00	3.50	
C3850	3790003850	4.50	2.00	26.50	40.62	67.12	1.50	2.00		1.50	2.50	
D45CC-11-26.94	3774121027	4.50	2.00	26.94	40.63	67.57	1.50	2.00		1.50	2.00	
D45CC-3-38.31	3775221022	4.50	2.00	38.31	53.31	91.62	1.50	2.75		3.00	2.75	
D45LD-7-45.38	3774121032	4.50	2.00	45.38	57.37	102.75	1.50	2.88	1.62	1.50	3.38	
D45CD-3-49.12	3774121013	4.50	2.00	49.13	67.69	116.81	1.50	2.00		1.50	2.25	
D45CD-2-49.12	3774121012	4.50	2.00	49.13	67.69	116.82	2.00	2.00		2.00	2.25	
D45CD-2-51.31	3774121014	4.50	2.00	51.31	67.69	119.00	2.00	2.00		2.00	2.25	
D45DD-8-16.75	3774121038	4.50	2.50	16.75	27.00	43.75	1.50	5.75		1.50	3.00	
D45CC-16-32.50	3774121037	4.50	2.50	32.50	44.12	76.62	2.00	2.75		2.00	2.75	
D45CC-14-41.50	3774121035	4.50	2.50	41.50	59.25	100.75	2.00	2.00		2.00	2.88	
D45CC-15-41.50	3774121036	4.50	2.50	41.50	59.25	100.75	2.00	2.00		2.00	3.00	

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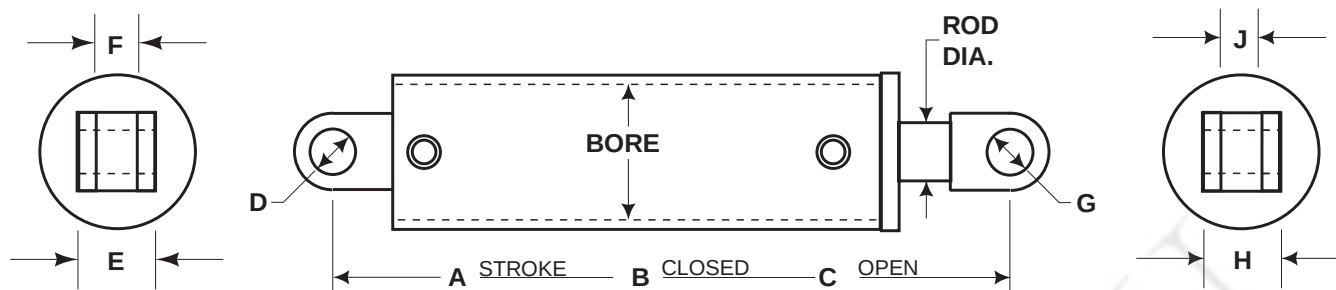


10 DIGIT NUMBER	EXTEND PORT	RETRACT PORT	GALS TO RET.	GALS TO EXT.	WT. LBS	REBUILD KIT
3776821085	3/4" NPT	3/4" NPT	0.98	1.14	70	3751805538
3776821029	#12 SAE O-RING	#12 SAE O-RING	1.34	1.66	75	3751804245
3776821074	3/4" NPT	3/4" NPT	0.66	0.82	75	3776821074
3776821020	#8 SAE O-RING	#8 SAE O-RING	0.68	0.90	75	3751804171
3776821077	1/2" NPT	1/2" NPT	1.00	1.17	100	3751805460
3776821041	#8 SAE O-RING	#8 SAE O-RING	0.86	1.15	100	3751804239
3776821067	#10 SAE O-RING	#10 SAE O-RING	0.90	1.20	110	3751805387
3776821069	#8 SAE O-RING	#8 SAE O-RING	0.92	1.22	110	3751805447
3776821080	#8 SAE O-RING	#8 SAE O-RING	0.92	1.22	90	3751805447
3776821076	#10 SAE O-RING	#10 SAE O-RING	0.96	1.28	85	3751805460
3776821073	#12 SAE O-RING	#12 SAE O-RING	0.98	1.30	105	3751805447
3776821072	1/2" NPT	1/2" NPT	0.98	1.30	110	3751805460
3776821071	1/2" NPT	1/2" NPT	0.98	1.30	110	3751805460
3776821042	#16 SAE O-RING	#16 SAE O-RING	1.01	1.35	140	3751804239
3776821027	#8 SAE O-RING	#8 SAE O-RING	1.01	1.35	140	3751804239
3776821044	#16 SAE O-RING	#16 SAE O-RING	1.01	1.35	210	3751804454
3776821084	#10 O-RING	#10 O-RING	1.02	1.36	110	3751805460
3790004131	#8 SAE O-RING	#8 SAE O-RING	1.07	1.42	122	3796804131
3776821075	1/2" NPT	1/2" NPT	1.14	1.52	95	3751805460
3790005548	#12 SAE O-RING	#12 SAE O-RING	1.86	2.47	125	3796805548
3790006178	#16 SAE O-RING	#12 SAE O-RING	1.88	2.51	166	3796806178
3790003847	#12 SAE O-RING	#12 SAE O-RING	0.72	1.18	90	3796803847
3776821019	#12 SAE O-RING	#8 SAE O-RING	0.72	1.18	95	3751804176
3776821024	#8 SAE O-RING	#8 SAE O-RING	0.83	1.36	95	3751804197
3776821021	#8 SAE O-RING	#8 SAE O-RING	1.18	1.96	95	3751804203
3776821078	#12 SAE O-RING	#12 SAE O-RING	1.23	2.01	140	3751805459
3776821070	#8 SAE O-RING	#8 SAE O-RING	1.39	2.28	145	3751805459
3776821030	#16 SAE O-RING	#12 SAE O-RING	1.39	2.28	150	3751804203
3790005609	#16 SAE O-RING	#16 SAE O-RING	2.39	3.92	245	3796805609
3776821025	#8 SAE O-RING	#8 SAE O-RING	0.74	1.40	95	3751804202
3776821022	#8 SAE O-RING	#8 SAE O-RING	0.82	1.55	95	3751804202
3790004291	#16 SAE O-RING	#12 SAE O-RING	0.55	1.26	125	3796804291
3790004143	#16 SAE O-RING	#12 SAE O-RING	0.56	1.28	120	3796804143
3790006622	#20 SAE O-RING	#16 SAE O-RING	0.94	2.15	190	3796806622
3790006643	#16 SAE O-RING	#16 SAE O-RING	1.26	2.87	234	3796806643
3774121016	#8 SAE O-RING	#8 SAE O-RING	1.21	1.50	150	3751804238
3774121017	#16 SAE O-RING	#16 SAE O-RING	1.37	1.71	160	3751804238
3790003850	#12 SAE O-RING	#12 SAE O-RING	1.47	1.83	105	3796803850
3774121027	#12 SAE O-RING	#12 SAE O-RING	1.56	1.85	105	3751805448
3775221022	#16 SAE O-RING	#16 SAE O-RING	2.12	2.64	130	3751804230
3774121032	#12 SAE O-RING	#12 SAE O-RING	2.60	3.10	150	3751805448
3774121013	#12 SAE O-RING	#12 SAE O-RING	2.72	3.39	195	3751804172
3774121012	#16 SAE O-RING	#16 SAE O-RING	2.72	3.39	210	3751804172
3774121014	#16 SAE O-RING	#16 SAE O-RING	2.84	3.54	210	3751804172
3774121038	#8 SAE O-RING	#8 SAE O-RING	0.80	1.15	90	3751805541
3774121037	#20 SAE O-RING	#16 SAE O-RING	1.55	2.23	140	3751805541
3774121035	#12 SAE O-RING	#12 SAE O-RING	1.98	2.86	200	3751805486
3774121036	#12 SAE O-RING	#12 SAE O-RING	1.98	2.86	200	3751805392

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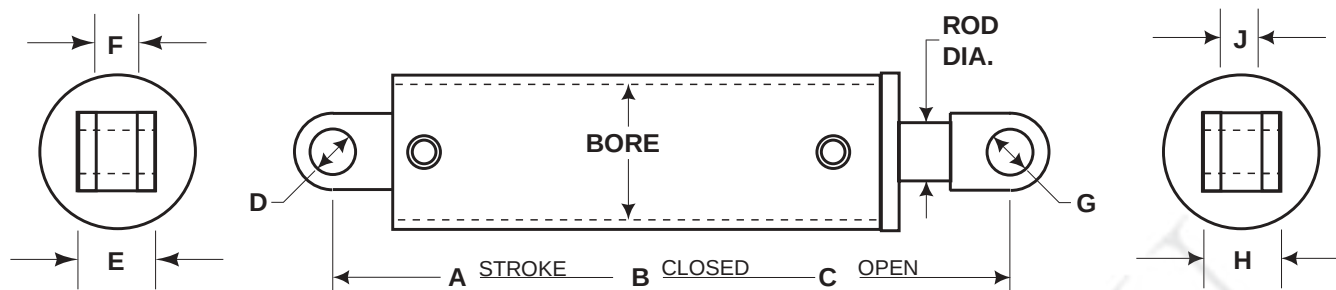


ENGINEERING NUMBER	10 DIGIT NUMBER	BORE I.D.	ROD O.D.	A STROKE	B CLOSED	C OPEN	D PIN	E WIDTH	F GAP	G PIN	H WIDTH	J GAP
D45CC-13-42	3774121030	4.50	2.50	42.00	69.00	111.00	1.75	2.00		1.75	1.75	
D45CL-2-42	3774121028	4.50	2.50	42.00	69.00	111.00	1.75	3.56	1.81	1.75	1.75	
D45CC-13-44.25	3774121031	4.50	2.50	44.25	69.00	113.25	1.75	2.00		1.75	1.75	
D45CL-2-44.25	3774121029	4.50	2.50	44.25	69.00	113.25	1.75	3.56	1.81	1.75	1.75	
D4496	3790004496	4.50	2.50	46.00	63.12	109.12	2.00	2.00		2.00	2.00	
B5788	3790005788	4.50	2.50	46.00	63.12	109.12	2.00	2.00		2.00	2.00	
D45CC-7-46	3790005782	4.50	2.50	46.00	63.12	109.12	2.00	2.00		2.00	2.00	
D45CC-5-34.50	3774121023	4.50	3.00	34.50	53.62	88.12	2.00	2.25		2.00	2.25	
D45DD-7-34.50	3790006002	4.50	3.00	34.50	54.00	88.50	2.00	6.12		2.00	5.00	
B6291	3790006291	4.50	3.00	34.50	56.00	90.50	2.50	3.64		2.50	3.64	
D45CC-6-34.50	3774121024	4.50	3.00	34.50	56.00	90.50	1.38	4.21		1.38	4.21	
D4048	3790004048	4.50	3.00	35.00	56.00	91.00	2.25	1.75		2.25	1.75	
B6231	3790006231	4.50	3.00	52.75	68.00	120.75	2.00	6.12		2.00	5.00	
D4266	3790004266	4.50	3.50	23.00	36.06	59.06	2.00	5.75		2.00	3.50	
B6487	3790006487	4.50	3.50	25.62	40.50	66.12	2.00	6.12		2.00	4.00	
D3784	3790003784	4.50	3.50	31.00	41.00	72.00	2.00	5.75		2.00	3.00	
D4292	3790004292	4.50	3.50	32.50	47.38	79.88	2.00	6.12		2.00	5.25	
B5873	3790005873	5.00	1.50	43.00	60.00	103.00	2.00	1.75		1.50	1.25	
D50CD-4-30	3777921071	5.00	2.00	30.00	54.00	84.00	1.50	2.44		1.50	2.44	
D50CD-3-43.12	3777921062	5.00	2.00	43.13	58.87	102.00	1.50	2.00		1.75	2.00	
D3812	3790003812	5.00	2.00	46.88	66.63	113.50	1.75	1.50		1.75	3.25	
D50DB-13-24	3777921059	5.00	2.50	24.00	33.31	57.31	1.25	5.88		1.25	2.50	
D50CC-23-36	3777921065	5.00	2.50	36.00	49.00	85.00	2.00	2.00		2.63	2.00	
C3872	3790003872	5.00	2.50	36.00	49.25	85.25	2.00	1.88		2.63	1.88	
D50DL-2-42	3777921060	5.00	2.50	42.00	52.31	94.31	1.25	5.88		1.25	2.13	1.13
D50CB-3-42	3777921005	5.00	2.50	42.00	53.06	95.06	1.50	2.00		1.50	2.50	
D50CE-2-43.75	3777921057	5.00	2.50	43.75	57.62	101.37	2.00	2.00		THD	2.25-12	
D4195	3790004195	5.00	2.50	44.25	65.12	109.37	1.75	3.62	2.12	2.00	1.50	
B6497	3790006497	5.00	2.50	46.00	63.12	109.12	2.00	2.00		2.00	2.00	
D50CC-22-20	3777921064	5.00	3.00	20.00	33.00	53.00	2.00	2.00		2.00	2.00	
D50CB-8-27	3777921058	5.00	3.00	27.00	39.00	66.00	1.75	3.00		1.75	3.00	
B5427	3790005427	5.00	3.00	34.50	56.00	90.50	1.75	6.12		1.75	5.00	
B6236	3790006236	5.00	3.00	34.50	56.00	90.50	2.00	6.12		2.00	4.50	
B6349	3790006349	5.00	3.00	34.50	56.62	91.12	2.00	2.25		2.00	2.25	
D50DD-23-52.75	3777921066	5.00	3.00	52.75	68.00	120.75	2.00	6.12		2.00	5.00	
D50CC-21-18.50	3777921063	5.00	3.50	18.50	34.50	53.00	2.50	2.50		2.50	2.50	
B5056	3790005056	5.00	3.50	28.00	66.50	94.50	2.00	6.12		2.00	4.00	
D50CB-9-32.50	3777921067	5.00	3.50	32.50	44.38	76.88	2.00	2.75		2.00	2.75	
C4543	3790004543	5.00	3.50	34.00	46.50	80.50	2.00	6.00		2.00	4.00	
D50CC-24-34.19	3777921069	5.00	3.50	34.19	52.50	86.69	2.25	2.25		2.25	2.25	
D50DC-3-45	3777921070	5.00	3.50	45.00	60.00	105.00	3.50	6.50		2.00	3.00	
B5473	3790005473	5.00	3.50	50.00	66.50	116.50	1.75	3.00		1.75	4.50	
D50AA-1-10	3776321013	5.00	3.75	10.00	21.69	31.69	SPL	MNT		SPL	MNT	
D50AA-3-16	3776321058	5.00	3.75	16.00	28.03	44.03	SPL	MNT		SPL	MNT	
D50AB-4-10	3776321011	5.00	3.88	10.00	32.00	42.00	SPL	MNT		SPL	MNT	
D4172	3790004172	5.00	4.00	25.62	40.50	66.12	2.00	6.12		2.00	4.00	
B6191	3790006191	5.00	4.00	25.62	40.50	66.12	2.00	6.12		2.00	4.00	
D4265	3790004265	5.00	4.00	32.50	47.38	79.88	2.00	6.12		2.00	5.25	

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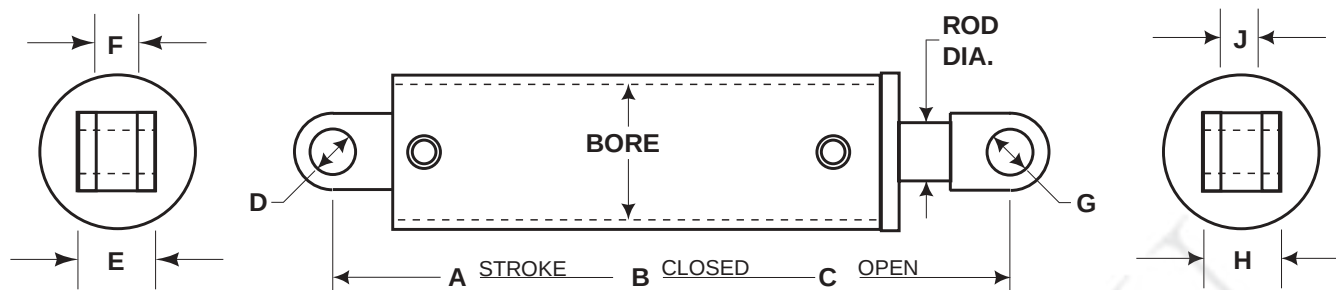


10 DIGIT NUMBER	EXTEND PORT	RETRACT PORT	GALS TO RET.	GALS TO EXT.	WT. LBS	REBUILD KIT
3774121030	#12 SAE O-RING	#12 SAE O-RING	2.08	2.90	213	3751805489
3774121028	#12 SAE O-RING	#12 SAE O-RING	2.08	2.90	218	3751805489
3774121031	#12 SAE O-RING	#12 SAE O-RING	2.18	3.05	211	3751805489
3774121029	#12 SAE O-RING	#12 SAE O-RING	2.18	3.05	210	3751805489
3790004496	#16 SAE O-RING	#12 SAE O-RING	2.19	3.17	225	3796804496
3790005788	#16 SAE O-RING	#12 SAE O-RING	2.19	3.17	225	3796804496
3790005782	#12 SAE O-RING	#12 SAE O-RING	2.19	3.17	230	3796805782
3774121023	#16 SAE O-RING	#16 SAE O-RING	1.32	2.38	230	3751805194
3790006002	#12 SAE O-RING	#12 SAE O-RING	1.32	2.38	205	3796806002
3790006291	#16 SAE O-RING	#16 SAE O-RING	1.32	2.38	230	3796806291
3774121024	#16 SAE O-RING	#16 SAE O-RING	1.32	2.38	230	3751805194
3790004048	3/4# NPT	3/4" NPT	1.34	2.41	230	3796804048
3790006231	#16 SAE O-RING	#16 SAE O-RING	2.02	3.64	287	3796806231
3790004266	#16 SAE O-RING	#12 SAE O-RING	0.63	1.59	155	3796804266
3790006487	#16 SAE O-RING	#12 SAE O-RING	0.70	1.77	173	3796806487
3790003784	#16 SAE O-RING	#12 SAE O-RING	0.84	2.13	180	3796803784
3790004292	#16 SAE O-RING	#12 SAE O-RING	0.89	2.24	140	3796804292
3790005873	#8 SAE O-RING	#16 SAE O-RING	3.33	3.66	150	3796805873
3777921071	#8 SAE O-RING	#8 SAE O-RING	2.15	2.55	130	3751805395
3777921062	3/4" NPT	3/4" NPT	3.19	3.66	200	3751805484
3790003812	1/2" NPT	1/2" NPT	3.35	3.99	205	3796803812
3777921059	1/2" NPT	1/2" NPT	1.53	2.04	120	3751805443
3777921065	#16 SAE O-RING	#16 SAE O-RING	2.31	3.06	137	3751805495
3790003872	#16 SAE O-RING	#16 SAE O-RING	2.31	3.06	185	3796803872
3777921060	1/2" NPT	1/2" NPT	2.68	3.57	175	3751805443
3777921005	#12 SAE O-RING	#12 SAE O-RING	2.68	3.57	200	3751804233
3777921057	3/4" NPT	3/4" NPT	2.79	3.72	190	3751805443
3790004195	#12 SAE O-RING	#12 SAE O-RING	2.83	3.77	242	3796804195
3790006497	#12 SAE O-RING	#12 SAE O-RING	2.94	3.91	250	3796806497
3777921064	#12 SAE O-RING	#12 SAE O-RING	1.10	1.70	130	3751805494
3777921058	3/4" NPT	3/4" NPT	1.47	2.30	150	3751805445
3790005427	#16 SAE O-RING	#16 SAE O-RING	1.88	2.93	250	3796805427
3790006236	#16 SAE O-RING	#16 SAE O-RING	1.88	2.93	210	3796806236
3790006349	#16 SAE O-RING	#16 SAE O-RING	1.88	2.93	215	3796806349
3777921066	#16 SAE O-RING	#16 SAE O-RING	2.90	4.48	270	3751805505
3777921063	#16 SAE O-RING	#16 SAE O-RING	0.91	1.57	180	3751805451
3790005056	#20 SAE O-RING	#16 SAE O-RING	1.22	2.38	170	3796805056
3777921067	#16 SAE O-RING	#12 SAE O-RING	1.50	2.80	160	3751805451
3790004543	#16 SAE O-RING	#16 SAE O-RING	1.48	2.90	170	3796805489
3777921069	#12 SAE O-RING	#12 SAE O-RING	1.48	2.91	180	3751805451
3777921070	#12 SAE O-RING	#12 SAE O-RING	2.00	3.82	165	3751805451
3790005473	#8 SAE O-RING	#8 SAE O-RING	2.17	4.25	210	3796805473
3776321013	3/8" NPT	1/8" NPT IN ROD	0.25	1.00	123	3911804199
3776321058	3/8" NPT	1/8" NPT IN ROD	1.02	1.36	150	3911804199
3776321011	1/4" NPT	1/4" NPT	0.34	0.85	150	3751805570
3790004172	#16 SAE O-RING	#12 SAE O-RING	0.79	2.18	214	3796804172
3790006191	#16 SAE O-RING	#12 SAE O-RING	0.79	2.18	215	3796806191
3790004265	#16 SAE O-RING	#12 SAE O-RING	1.00	2.77	185	3796804265

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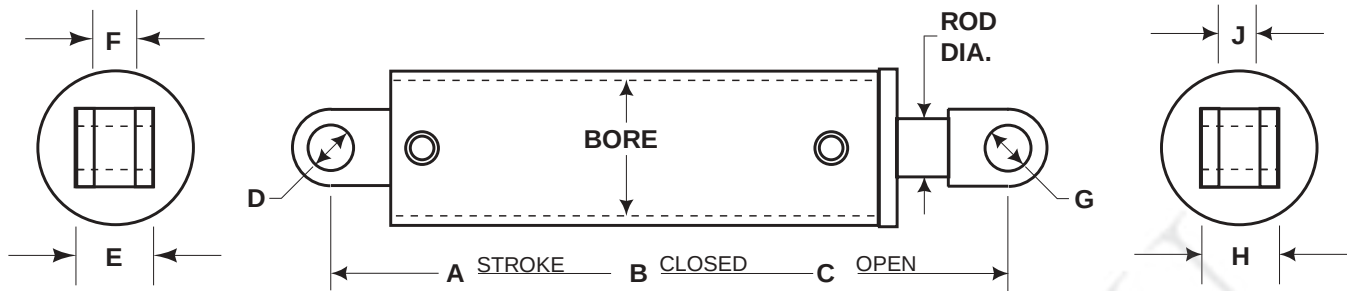


ENGINEERING NUMBER	10 DIGIT NUMBER	BORE I.D.	ROD O.D.	A STROKE	B CLOSED	C OPEN	D PIN	E WIDTH	F GAP	G PIN	H WIDTH	J GAP
D4541	3790004541	5.00	4.00	37.25	54.62	91.87	2.00	6.12		2.00	5.25	
B6488	3790006488	5.00	4.00	38.62	54.62	93.24	2.00	6.12		2.50	5.00	
B5489	3790005489	5.00	4.00	39.50	54.38	93.88	2.00	6.12		2.00	6.12	
D4596	3790004596	5.00	4.00	39.50	54.38	93.88	2.00	6.12		2.00	4.00	
B6314	3790006314	5.00	4.00	39.50	54.38	93.88	1.38	6.31		1.38	5.81	
D50DD-21-39.50	3777921061	5.00	4.00	39.50	54.38	93.88	2.00	6.12		2.00	5.62	
D50CB-6-40	3777921038	5.00	4.00	40.00	52.50	92.50	2.00	3.00		2.00	3.00	
D55CC-8-37	3771921040	5.50	2.50	37.00	49.38	86.38	2.00	2.75		2.00	2.75	
D55CC-2-38.31	3771921030	5.50	2.50	38.31	53.31	91.62	1.50	2.75		3.00	2.75	
D55CB-7-40.50	3771921042	5.50	2.50	40.50	53.50	94.00	1.50	2.50		1.50	2.50	
D55CC-3-49.13	3771921032	5.50	3.00	49.13	67.69	116.81	2.00	2.00		2.00	2.75	
D55CC-7-24	3771921039	5.50	3.50	24.00	36.60	60.60	2.00	2.00		2.00	2.00	
C3878	3790003878	5.50	3.50	24.25	36.25	60.50	2.00	1.75		2.00	2.00	
D55CC-9-35.88	3771921041	5.50	4.00	35.88	49.38	85.26	2.00	2.00		2.00	2.00	
D55CB-5-49.88	3771921034	5.50	4.00	49.88	66.00	115.88	1.75	3.00		2.00	3.88	
D55CB-6-52.88	3771921038	5.50	4.00	52.88	72.00	124.88	1.75	3.00		2.00	3.88	
C3563	3790003563	5.50	4.00	54.13	75.00	129.13	1.25	1.25		1.25	2.00	
D55CC-6-63	3771921033	5.50	4.00	63.00	81.00	144.00	2.00	3.00		2.00	3.00	
D55DB-2-63	3771921035	5.50	4.00	63.00	81.12	144.12	2.00	6.50		2.00	3.88	
B6190	3790006190	5.50	4.50	38.62	54.62	93.24	2.50	6.75		2.50	5.00	
D4171	3790004171	5.50	4.50	38.62	54.63	93.25	2.50	6.75		2.50	5.00	
D60AA-2-10	3770921075	6.00	SPL	10.00	21.69	31.69	SPL	MNT		SPL	MNT	
C4536	3790004536	6.00	2.25	15.75	30.00	45.75	2.50	2.50		2.50	2.50	
C3810	3790003810	6.00	2.50	34.00	51.00	85.00	1.75	3.00		1.75	3.00	
D60DC-7-42.62	3771421134	6.00	2.75	42.63	59.25	101.88	2.00	7.00		3.00	2.75	
D60DC-8-60	3771421161	6.00	2.75	60.00	76.62	136.62	2.00	7.00		3.00	2.75	
D60CB-5-26	3771421220	6.00	3.00	26.00	40.50	66.50	1.50	2.50		1.50	3.00	
D60CL-2-40	3771421221	6.00	3.00	40.00	54.47	94.47	1.50	2.50		1.50	3.00	1.56
D60CB-5-47	3771421217	6.00	3.00	47.00	61.50	108.50	1.50	2.50		1.50	3.00	
D60CB-6-56.50	3771421236	6.00	3.00	56.50	71.25	127.75	1.50	2.00		1.25	3.00	
D3838	3790003838	6.00	3.00	76.00	89.62	165.62	3.50	7.25		3.50	3.50	
B5983	3790005983	6.00	3.50	78.00	99.62	177.62	2.00	2.00		2.00	3.50	
D60DD-4-69	3771421090	6.00	3.75	69.00	84.31	153.31	3.50	7.00		2.75	5.00	
D60DB-20-63	3771421215	6.00	4.00	63.00	75.00	138.00	2.00	7.00		2.00	3.88	
D4210	3790004210	6.00	4.00	65.75	81.62	147.37	2.00	6.75		2.00	3.00	
D60CC-33-65.75	3790006419	6.00	4.00	65.75	82.12	147.87	2.00	2.25		2.00	2.25	
D60DD-14-79	3771421222	6.00	4.00	79.00	96.00	175.00	3.00	6.63		3.00	4.50	
D60BC-2-27.81	3771421229	6.00	4.50	27.81	45.50	73.31	1.75	6.50		3.38	2.50	
D60BC-2-30.31	3771421218	6.00	4.50	30.31	43.00	73.31	1.75	6.50		3.38	2.50	
D60BC-3-30.31	3771421224	6.00	4.50	30.31	43.00	73.31	1.75	6.50		3.38	2.50	
D60DC-10-30.50	3771421216	6.00	4.50	30.50	43.25	73.75	1.75	6.50		3.38	2.50	
D60DC-11-30.50	3771421219	6.00	4.50	30.50	43.25	73.75	1.50	6.50		3.38	2.50	
B6297	3790006297	6.00	4.50	31.88	52.38	84.26	4.25	4.25		4.25	4.25	
C4219	3790004219	6.00	4.50	31.88	56.00	87.88	2.25	1.97		2.25	1.97	
B6181	3790006181	6.00	4.50	32.00	52.50	84.50	2.25	3.64		2.25	3.64	
C3241-4	3771421196	6.00	4.50	32.00	56.00	88.00	2.00	1.62		2.00	1.62	
D60CF-3-32.38	3771421225	6.00	4.50	33.88	43.12	77.00	SPL	MNT		SPL	4.50	

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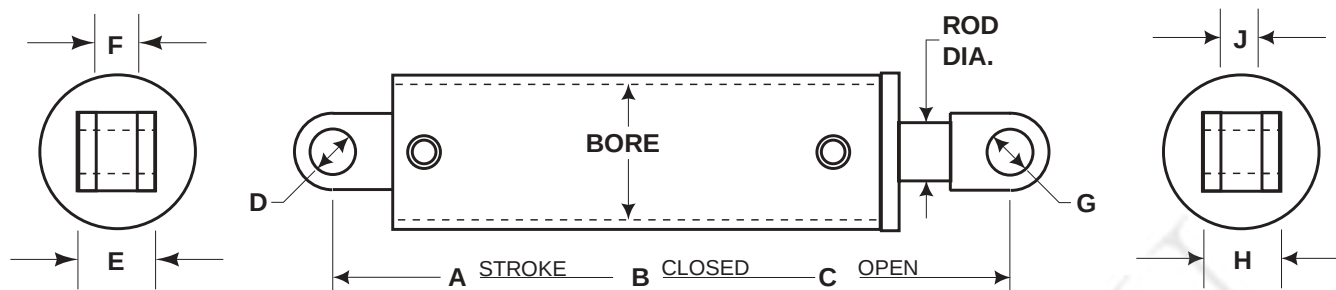


10 DIGIT NUMBER	EXTEND PORT	RETRACT PORT	GALS TO RET.	GALS TO EXT.	WT. LBS	REBUILD KIT
3790004541	#16 SAE O-RING	#12 SAE O-RING	1.14	3.17	196	3796804541
3790006488	#16 SAE O-RING	#12 SAE O-RING	1.19	3.29	177	3796806488
3790005489	#20 SAE O-RING	#16 SAE O-RING	1.21	3.36	312	3796805489
3790004596	#20 SAE O-RING	#16 SAE O-RING	1.21	3.36	312	3796804596
3790006314	#20 SAE O-RING	#16 SAE O-RING	1.21	3.36	312	3751805065
3777921061	#20 SAE O-RING	#16 SAE O-RING	1.21	3.36	300	3751805492
3777921038	#16 SAE O-RING	#16 SAE O-RING	1.23	3.40	210	3751804530
3771921040	#20 SAE O-RING	#16 SAE O-RING	3.02	3.81	180	3751805517
3771921030	#16 SAE O-RING	#16 SAE O-RING	3.13	3.94	190	3751804241
3771921042	#16 SAE O-RING	#12 SAE O-RING	3.30	4.17	205	1751805517
3771921032	#12 SAE O-RING	#12 SAE O-RING	3.55	5.05	400	3751804175
3771921039	#12 SAE O-RING	#12 SAE O-RING	1.47	2.47	142	3751805524
3790003878	#12 SAE O-RING	#12 SAE O-RING	1.47	2.47	145	3796803878
3771921041	#12 SAE O-RING	#12 SAE O-RING	1.84	3.70	185	3751805521
3771921034	1/2" NPT	1/2" NPT	2.43	5.13	250	3771805404
3771921038	#12 SAE O-RING	#12 SAE O-RING	2.56	5.44	250	3751805404
3790003563	#16 SAE O-RING	#16 SAE O-RING	2.63	5.57	305	3796803563
3771921033	#16 SAE O-RING	#16 SAE O-RING	3.05	6.48	320	3751805404
3771921035	#16 SAE O-RING	#16 SAE O-RING	3.05	6.48	335	3771805404
3790006190	#16 SAE O-RING	#12 SAE O-RING	1.32	3.98	212	3796806190
3790004171	#16 SAE O-RING	#12 SAE O-RING	1.32	3.98	240	3796804171
3770921075	3/8" NPT	3/8" NPT IN ROD	0.25	1.00	180	3751804440
3790004536	#12 SAE O-RING	#12 SAE O-RING	1.66	1.96	160	3796804536
3790003810	1" NPT	1" NPT	3.44	4.17	205	3796803810
3771421134	#16 SAE O-RING	#16 SAE O-RING	4.13	5.22	250	3751804204
3771421161	#16 SAE O-RING	#16 SAE O-RING	5.81	7.34	270	3751804204
3771421220	3/4" NPT	3/4" NPT	4.31	5.75	190	3751805449
3771421221	3/4" NPT	3/4" NPT	4.31	5.75	245	3751805449
3771421217	3/4" NPT	3/4" NPT	4.31	5.75	276	3751805449
3771421236	3/4" NPT	3/4" NPT	5.19	6.92	300	3751805407
3790003838	#16 SAE O-RING	#16 SAE O-RING	6.98	9.31	356	3796803838
3790005983		Ported in Rod	6.30	9.55	420	3796805983
3771421090	1" NPT	1" NPT	5.15	8.45	390	3751805571
3771421215	1" NPT	1" NPT	4.28	7.71	320	3751805409
3790004210	#16 SAE O-RING	#16 SAE O-RING	4.47	8.05	350	3796804210
3790006419	#16 SAE O-RING	#16 SAE O-RING	4.47	8.05	450	3796806419
3771421222	3/4" NPT	3/4" NPT	5.48	9.67	380	3751805409
3771421229	#20 SAE O-RING	#16 SAE O-RING	3.42	3.40	215	3771421229
3771421218	#20 SAE O-RING	#16 SAE O-RING	1.72	3.71	200	3751805410
3771421224	#20 SAE O-RING	#16 SAE O-RING	1.72	3.71	200	3751805410
3771421216	1.25" NPT	1" NPT	1.63	3.73	190	3751805410
3771421219	1.25" NPT	1" NPT	1.63	3.73	190	3751805410
3790006297	#12 SAE O-RING	#12 SAE O-RING	1.71	3.91	250	3796832414
3790004219	#12 SAE O-RING	#12 SAE O-RING	1.71	3.91	260	3796832414
3790006181	#12 SAE O-RING	#12 SAE O-RING	1.72	3.92	221	3796832414
3771421196	#12 SAE O-RING	#12 SAE O-RING	1.72	3.92	260	3796832414
3771421225	#16 SAE O-RING	#16 SAE O-RING	1.82	3.96	173	3751805410

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Note; Diameters D and G are for nominal pin size, for actual hole size refer to print.

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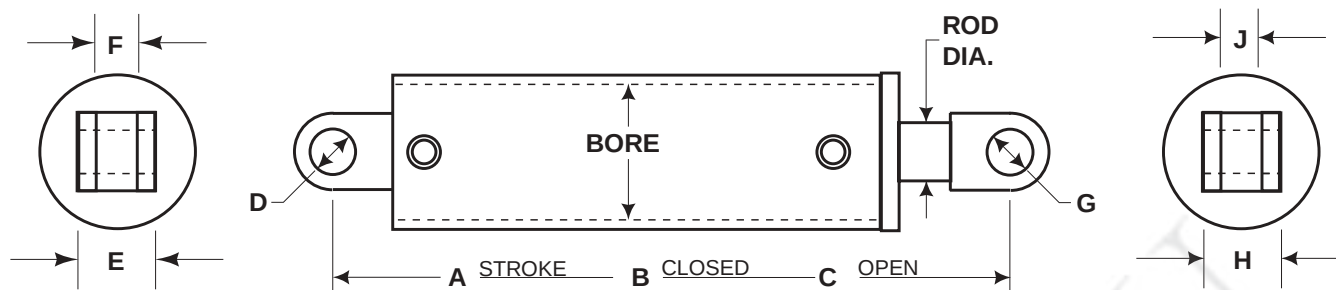


ENGINEERING NUMBER	10 DIGIT NUMBER	BORE I.D.	ROD O.D.	A STROKE	B CLOSED	C OPEN	D PIN	E WIDTH	F GAP	G PIN	H WIDTH	J GAP
D60CC-34-35	3790003666	6.00	4.50	35.00	55.38	90.38	2.25	1.75		2.25	1.75	
D60CF-2-57	3771421223	6.00	4.50	57.00	71.00	128.00	SPL	MNT		SPL	MNT	
D60DB-14-58	3771421165	6.00	4.50	58.00	72.25	130.25	1.50	7.12		1.50	4.00	
D60DB-7-72	3771421147	6.00	4.50	72.00	90.00	162.00	2.50	7.00		2.50	4.38	
D60CC-26-78	3771421146	6.00	4.50	78.00	100.00	178.00	3.00	3.94		3.00	1.75	
D60DB-12-108	3771421160	6.00	4.50	108.00	126.00	234.00	1.50	7.12		1.50	4.00	
D60DB-16-67.5	3771421181	6.00	5.00	67.50	84.25	151.75	3.50	7.00		2.75	4.94	
D62DB-9-15	3771421118	6.25	2.00	15.00	26.69	41.69	2.00	7.00		0.75	2.00	
D62CC-36-68	3770921069	6.25	3.00	68.50	88.35	156.85	3.00	2.00		3.00	2.00	
D62DB-8-79	3771421105	6.25	4.75	79.25	96.25	175.50	3.00	6.56		3.00	4.50	
D62LB-4-80	3771421178	6.25	4.75	80.00	98.75	178.75	2.50	6.55	3.50	2.50	4.69	
D62LB-5-80	3771421180	6.25	4.75	80.00	98.75	178.75	2.50	6.53	3.50	2.50	4.69	
D62CB-20-80.88	3771421226	6.25	4.75	80.88	95.50	176.38	1.75	2.25		1.75	4.00	
D62CC-58-80.88	3771421227	6.25	4.75	80.88	96.50	177.38	2.50	2.00		2.50	2.00	
D62LB-5-90	3771421186	6.25	4.75	90.00	108.75	198.75	2.50	6.53	3.50	2.50	4.69	
C4774	3790004774	6.50	4.00	66.00	86.88	152.88	2.00	3.00		2.00	3.50	
D70LN-2-80	3773721025	7.00	3.00	80.00	92.50	172.50	SPL	MNT		0.75	3.00	
D70LN-3-80	3773721111	7.00	3.00	80.00	92.72	172.72	SPL	MNT		0.75	3.00	
D70LN-2-90	3773721023	7.00	3.00	90.00	102.50	192.50	SPL	MNT		0.75	3.00	
D70DD-6-79	3773721109	7.00	4.00	79.00	96.00	175.00	3.00	7.62		3.00	4.50	
D70CC-7-78	3773721011	7.00	4.50	78.00	100.00	178.00	3.00	3.94		3.00	1.75	
D70DD-7-79	3773721110	7.00	4.50	79.00	96.50	175.50	3.00	7.50		3.00	4.50	
D70DB-2-115	3773721013	7.00	4.50	115.00	145.00	260.00	2.00	7.75		2.00	4.44	
C3686	3790003686	7.00	5.25	32.00	56.00	88.00	2.25	1.97		2.25	1.97	
D70CC-8-108	3773721018	7.00	5.50	108.00	136.12	244.12	2.00	2.00		2.00	2.00	
D70CC-8-131	3773721012	7.00	5.50	131.00	159.12	290.12	2.00	2.00		2.00	2.00	
D72DB-7-15	3772521071	7.25	2.75	15.00	26.69	41.69	2.00	8.25		0.75	2.75	
D72DB-7-25	3772521073	7.25	2.75	25.00	36.69	61.69	2.00	8.25		0.75	2.75	
D72DB-7-25-1	3772521074	7.25	2.75	25.00	47.69	72.69	2.00	8.25		0.75	2.75	
D72CC-48-85	3772521066	7.25	3.00	85.00	102.50	187.50	1.50	2.00		3.00	2.00	
D72CB-11-60	3772521065	7.25	4.75	60.00	75.00	135.00	1.75	2.25		1.75	4.00	
D72LB-8-80	3772521120	7.25	4.75	80.00	98.75	178.75	2.50	6.53	3.53	2.50	4.69	
D72LB-9-80	3772521122	7.25	4.75	80.00	98.75	178.75	2.50	6.53	3.53	2.50	4.69	
D72CC-53-80.88	3772521134	7.25	4.75	80.88	96.50	177.38	2.50	2.00		2.50	2.00	
D72CB-14-83.62	3772521135	7.25	4.75	83.63	98.63	182.25	1.75	2.25		1.75	4.00	
D72LB-8-92	3772521118	7.25	4.75	92.00	110.75	202.75	2.50	6.53	3.53	2.50	4.69	
D84DB-7-25	3772921006	8.44	2.75	25.00	36.69	61.69	2.00	9.50		0.75	2.75	
D84DB-7-25-1	3772921007	8.44	2.75	25.00	47.69	72.69	2.00	9.50		0.75	2.75	
D84GA-2-16	3773021049	8.44	7.90	16.50	27.25	43.75	FLG	12.00		TPD	7.90	

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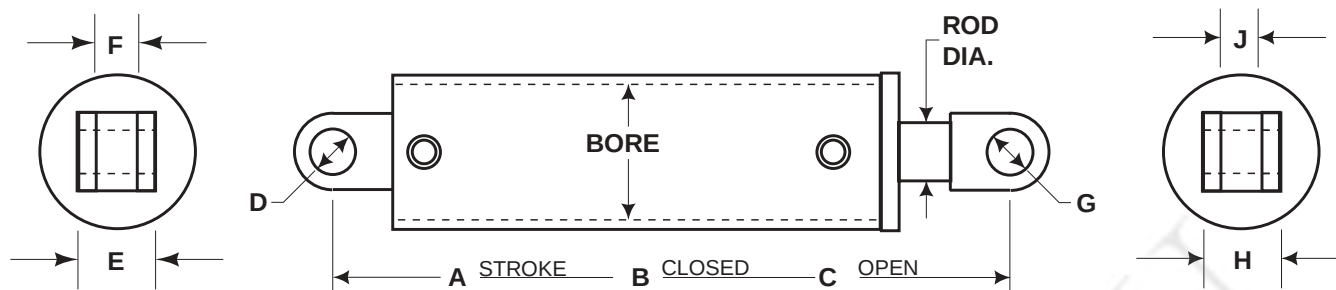


10 DIGIT NUMBER	EXTEND PORT	RETRACT PORT	GALS TO RET.	GALS TO EXT.	WT. LBS	REBUILD KIT
3790003666	2" SAE 4 BOLT	3/4" NPT	1.88	4.29	225	3796803666
3771421223	#16 SAE O-RING	#16 SAE O-RING	3.05	6.98	190	3771421223
3771421165	3/4" NPT	3/4" NPT	3.11	7.10	200	3751804243
3771421147	#12 SAE O-RING	#12 SAE O-RING	3.86	8.82	400	3751804338
3771421146	#12 SAE O-RING	#12 SAE O-RING	8.29	9.55	410	3751804276
3771421160	#16 SAE O-RING	#16 SAE O-RING	5.79	13.22	450	3751804243
3771421181	#16 SAE O-RING	#16 SAE O-RING	2.53	8.27	375	3751804580
3771421118	3/4" NPT IN BASE	3/4" NPT	2.00	1.80	130	3751804431
3770921069	3/4" NPT	3/4" NPT	7.01	9.10	330	3751804015
3771421105	3/4" NPT	3/4" NPT	4.45	10.53	330	3751804047
3771421178	1" NPT	1" NPT	4.49	10.63	350	3751804047
3771421180	3/4" NPT	3/4" NPT	4.49	10.63	350	3751804047
3771421226	3/4" NPT	3/4" NPT	4.54	10.75	350	3751804047
3771421227	3/4" NPT	3/4" NPT	4.54	10.75	350	3751804047
3771421186	3/4" NPT	3/4" NPT	5.05	11.96	375	3751804047
3790004774		Ported in Rod	5.89	9.46	375	3796804774
3773721025	#12 SAE O-RING	#12 SAE O-RING	10.90	13.40	500	3751804337
3773721111	3/4" NPT	3/4" NPT	10.90	13.40	510	3751805412
3773721023	#12 SAE O-RING	#12 SAE O-RING	12.24	15.00	540	3751804337
3773721109	3/4" NPT	3/4" NPT	9.06	13.16	510	3751805414
3773721011	#16 SAE O-RING	#16 SAE O-RING	7.63	13.00	560	3751804291
3773721110	3/4" NPT	3/4" NPT	7.73	13.17	520	3751805415
3773721013	#16 SAE O-RING	#16 SAE O-RING	11.25	19.16	675	3751804297
3790003686	#12 SAE O-RING	#12 SAE O-RING	2.34	5.34	350	3796803686
3773721018	1" NPT	1" NPT	6.89	18.00	455	3751804284
3773721012	1" NPT	1" NPT	8.36	21.83	690	3751804284
3772521071	3/4" NPT IN BASE	3/4" NPT	2.30	2.69	176	3751804148
3772521073	3/4" NPT IN BASE	3/4" NPT	3.83	4.47	228	3751804148
3772521074	3/4" NPT IN BASE	3/4" NPT	3.83	4.47	230	3751804148
3772521066	3/4" NPT	3/4" NPT	12.59	15.20	520	3751804016
3772521065	3/4" NPT	3/4" NPT	6.12	10.73	385	3911804216
3772521120	1" NPT	1" NPT	13.54	14.30	470	3911804216
3772521122	3/4" NPT	3/4" NPT	13.54	14.30	450	3911804216
3772521134	3/4" NPT	3/4" NPT	8.25	14.46	420	3911804216
3772521135	3/4" NPT	3/4" NPT	8.53	14.95	420	3911804216
3772521118	1" NPT	1" NPT	15.50	16.44	520	3911804216
3772921006	3/4" NPT IN BASE	3/4" NPT	5.42	6.10	260	3751804149
3772921007	3/4" NPT IN BASE	3/4" NPT	5.42	6.10	280	3751804149
3773021049	3/4" NPT	3/4" NPT	0.50	4.00	300	3751804335

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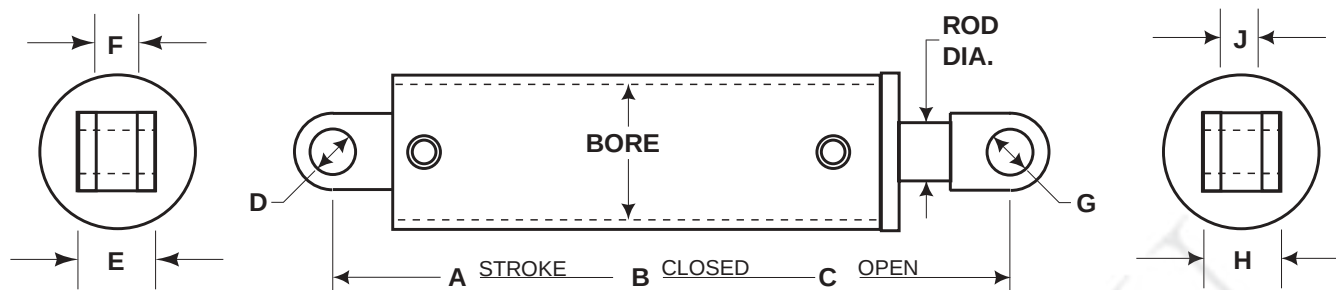


ENGINEERING NUMBER	10 DIGIT NUMBER	BORE I.D.	ROD O.D.	A STROKE	B CLOSED	C OPEN	D PIN	E WIDTH	F GAP	G PIN	H WIDTH	J GAP
D20LL-6-3.25	3770121130	2.00	1.12	3.25	14.38	17.63	1.00	1.88	1.13	1.00	1.88	1.13
B6185	3790006185	2.00	1.25	2.00	6.00	8.00	FLANGE	MOUNT		N/A	1.25	
B3394	3790003394	2.00	1.25	2.50	8.38	10.88	FLANGE	MOUNT		N/A	1.25	
C4542	3790004542	2.88	2.50	16.00	29.00	45.00	1.25	1.25		1.50	1.50	
C4217	3790004217	2.88	2.50	38.00	48.00	86.00	1.25	1.25		1.50	1.50	
D30DD-13-14.25	3770521096	3.00	1.50	14.25	21.50	35.75	1.50	2.00		1.50	3.50	
B5347	3790005347	3.00	2.50	31.25	38.75	70.00	1.00	1.50		1.00	0.88	
S31LC-1-28.56	3770711027	3.25	2.75	28.56	39.31	67.87	1.63	3.13	2.13	1.63	2.00	
D30LL-7-16	3790005423	3.50	2.00	16.00	26.00	42.00	1.00	2.25	1.25	1.00	2.25	1.25
D35LL-8-16	3790005424	3.50	2.00	16.00	26.00	42.00	1.00	2.25	1.25	1.00	2.25	1.25
D35CC-18-36.88	3773821055	3.50	2.50	37.00	50.50	87.50	1.75	1.50		1.75	1.00	
S35CC-4-37	3776815004	3.50	2.50	37.00	50.50	87.50	1.75	1.50		1.75	1.00	
D4190	3790004190	3.50	3.00	42.00	52.00	94.00	1.75	1.50		1.75	1.50	
D40CL-2-39.38	3790003884	4.00	2.25	39.38	49.25	88.63	1.75	1.25		1.25	2.31	1.31
S35CC-3-24.38	3776815002	4.00	3.50	24.38	34.25	58.63	1.25	1.00		1.25	1.00	
S35CC-2-24.75	3776815001	4.00	3.50	24.75	36.00	60.75	1.25	1.00		1.25	1.25	
S35CL-2-32.69	3776815003	4.00	3.50	32.69	43.75	76.44	1.75	1.25		1.25	2.50	1.25
D50LC-2-24.50	3777921068	5.00	3.50	24.50	34.25	58.75	1.26	2.75	0.75	1.25	1.25	
S21LL-2-1.5	3771411106	6.00	1.75	1.50	23.09	24.59	1.50	6.00	4.00	1.50	4.03	2.03

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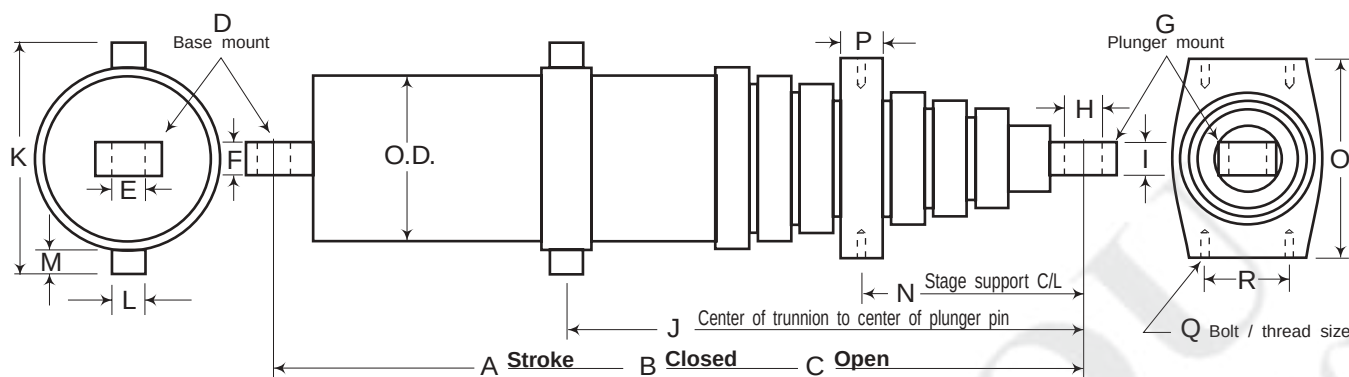


10 DIGIT NUMBER	BODY OR BOTTOM PORT	TOP OR ROD PORT	GALS TO EXT.	WT. LBS	REBUILD KIT
3770121130	#8 SAE O-RING	1/8" FILTER VENT	0.04	25	3751805483
3790006185	3/8" NPT		0.03	25	3751805568
3790003394	3/8" NPT		0.04	35	3796803394
3790004542		#6 SAE IN ROD	0.46	50	3796804542
3790004217		#6 SAE IN ROD	1.08	56	3796804217
3770521096	#8 SAE O-RING	1/8" FILTER VENT	0.44	33	3751805496
3790005347		1/2" NPT	0.96	90	3796805347
3770711027	#4 SAE O-RING		0.73	59	3751804199
3790005423	#6 SAE O-RING	#6 SAE O-RING	0.67	50	3751805471
3790005424	#6 SAE O-RING	#6 SAE O-RING	0.67	50	3751805471
3773821055	3.75" 1/4" NPT W 9/64" ORIFICE		1.54	135	3751805461
3776815004		#4 SAE IN ROD	1.54	100	3751805454
3790004190		#6 SAE IN ROD	1.75	118	3796804190
3790003884	#8 SAE O-RING	#8 SAE IN ROD	2.14	90	3796803884
3776815002		#8 SAE IN ROD	1.02	75	3751805454
3776815001		1/2" NPT IN ROD	1.35	115	3751805454
3776815003	#10 SAE O-RING		1.36	80	3751805454
3777921068	#8 SAE O-RING	#8 SAE IN ROD	2.08	95	3751805527
3771411106	#12 SAE O-RING	1/8" FILTER VENT	0.18	100	3751805518

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Note; Bold / Highlighted Items are Standard Warehouse Items.



Cylinder application _____

Single- or Double-acting _____ System operating pressure Normal _____ Max. _____

O.D. of body _____ Is there a relief valve in system _____ Setting _____

O.D. largest moving stage _____ System flow in G.P.M Min. _____ Max. _____

Number of moving stages _____ System operating temp. Normal _____ Max. _____

Chrome or non-chrome stages _____ Fluid type _____

Mounting conditions _____ Vert. _____ Horz. _____ Incline angle _____ Load holding requirements _____

Any side or eccentric loading possible _____ Environmental condition _____

A : Total stroke _____ J : Plunger pin to trunnion C/L (if applicable) _____

B : Closed length _____ K : Trunnion overall width _____

C : Open length _____ L : Trunnion lug diameters _____

D : Base mount type or code _____ M : Trunnion lug lengths _____

E : Base pin diameter _____ N : Plunger pin to stage support (if applicable) _____

F : Base mount width _____ O : Stage support width _____

G : Plunger mount type or code _____ P : Stage support thickness _____

H : Plunger pin diameter _____ Q : Stage support bolt & thread size _____

I : Plunger mount width _____ R : Stage support bolt locations & C/L's _____

Special mounting (if applicable) _____

Extend port size and type _____ Extend port location _____

Retract port size and type _____ Retract port location _____

Special features or comments _____

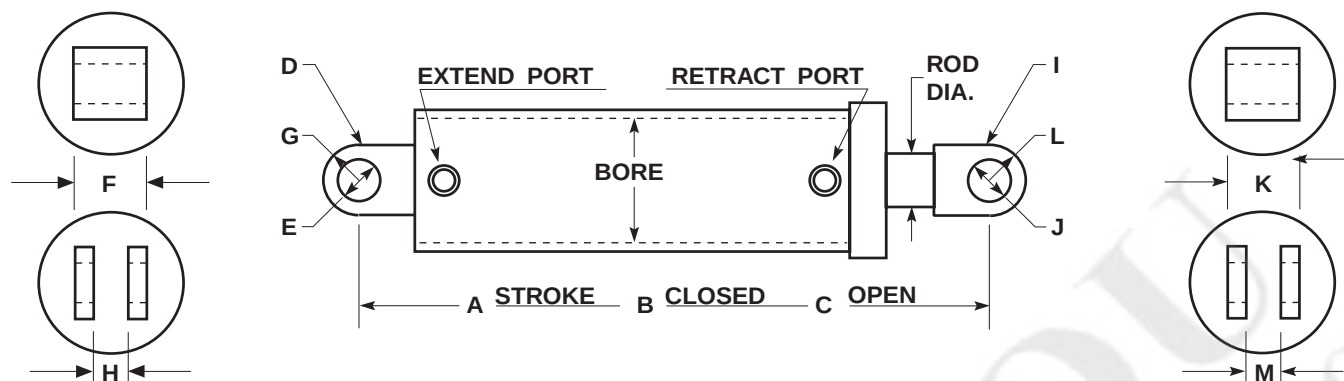
Requested by: Firm _____ Current Quan. _____

Address _____ Future Quan. _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Contact _____



Cylinder application _____

Single- or Double-acting _____ System operating pressure Normal _____ Max. _____

Bore _____ Is there a relief valve in system _____ Setting _____

Rod diameter _____ System flow in G.P.M Min. _____ Max. _____

Head & gland design _____ System operating temp. Normal _____ Max. _____

Piston design _____ Fluid type _____

Mounting conditions _____ Vert. _____ Horz. _____ Incline angle _____ Load holding requirements _____

Any side or eccentric loading possible _____ Environmental condition _____

A : Total stroke _____

B : Closed length _____

C : Open length _____

D : Base mount type or code _____

E : Base pin diameter _____

F : Base mount width _____

G : Base mount radius _____

H : Base Clevis Gap (if applicable) _____

I : Plunger mount type or code _____

J : Plunger pin diameter _____

K : Plunger mount width _____

L : Plunger mount radius _____

M : Plunger clevis gap (if applicable) _____

Special mounting (if applicable) _____

Extend port size and type _____ Extend port location _____

Retract port size and type _____ Retract port location _____

Special features or comments _____

Requested by: Firm _____ Current Quan. _____

Address _____ Future Quan. _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Contact _____