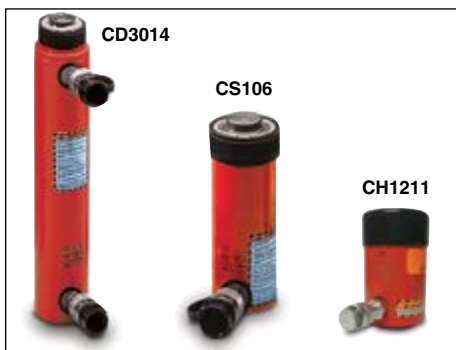
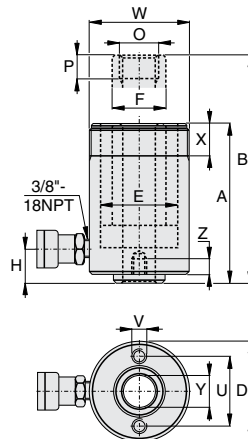


## Hydraulic Cylinder Specifications

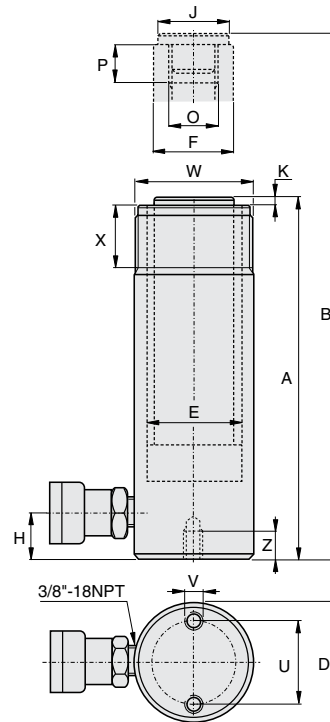
		CH1211	CS106	CS1010	CS2510	CS2514	CD3014
Cylinder Capacity (tons)		12.00	10.00	10.00	25.00	25.00	30.00
Stroke (in)		1.63	6.13	10.13	10.25	14.25	14.50
Max Cylinder Capacity (tons)	Push						30.00
Max Cylinder Capacity (tons)	Pull						5.00
Cylinder Effective Area (in <sup>2</sup> )		2.77	2.23	2.23	5.15	5.15	
Cylinder Effective Area (in <sup>2</sup> )	Push						6.51
Cylinder Effective Area (in <sup>2</sup> )	Pull						3.00
Oil Capacity (in <sup>3</sup> )		4.52	13.67	22.59	52.79	73.39	
Oil Capacity (in <sup>3</sup> )	Push						92.70
Oil Capacity (in <sup>3</sup> )	Pull						43.00
Collapsed Height (in)	A	4.75	9.75	13.75	14.75	18.75	21.63
Extended Height (in)	B	6.38	15.88	23.88	25.00	33.00	36.13
Outside Diameter (in)	D	2.75	2.25	2.25	3.38	3.38	4.00
Cylinder Bore Diameter (in)	E	2.13	1.69	1.69	2.56	2.56	2.88
Plunger Diameter (in)	F	1.38	1.50	1.50	2.25	2.25	2.13
Cyl. Base to Advance Port (in)	H	0.75	0.75	0.75	1.00	1.00	1.56
Top to Ret. Port (in)	I						3.19
Saddle Diameter (in)	J	–	1.38	1.38	2.00	2.00	2.00
Saddle Protr. from Plunger (in)	K	–	0.25	0.25	0.41	0.41	0.41
Plunger Internal Thread (in)	O	3/4-16	1-8	1-8	1 1/2-16	1 1/2-16	1 1/2-16
Plunger Thread Length (in)	P	0.63	0.75	0.75	1.00	1.00	1.00
<b>Base Mounting Holes</b>							
Bolt Circle Diameter (in)	U		1.56	1.56	2.31	2.31	–
Thread (in)	V		5/16-18	5/16-18	1/2-13	1/2-13	–
Thread Depth (in)	Z		.50	.50	.75	.75	–
Collar Thread (in)	W	2 3/4-16	2 1/4-14	2 1/4-14	3 5/16-12	3 5/16-12	3 5/16-12
Collar Thread Length (in)	X	1.19	1.13	1.13	1.94	1.94	1.94
Center Hole Diameter (in)	Y	0.77					
Weight (lbs)		6.20	9.80	14.00	31.00	39.00	64.00
Rating (tons)		12	10	10	25	25	30
Saddle (sold separately) (tons)		12	10	10	25	25	30



**CH1211** has a 1.88" diameter base that protrudes .25" from base.



CH1211 model



CS106, CS1010,  
CS2510, CS2514 models