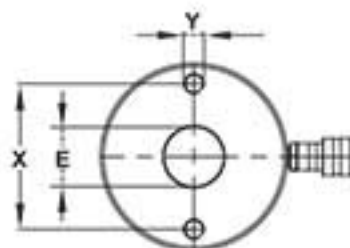


Hollow Cylinders

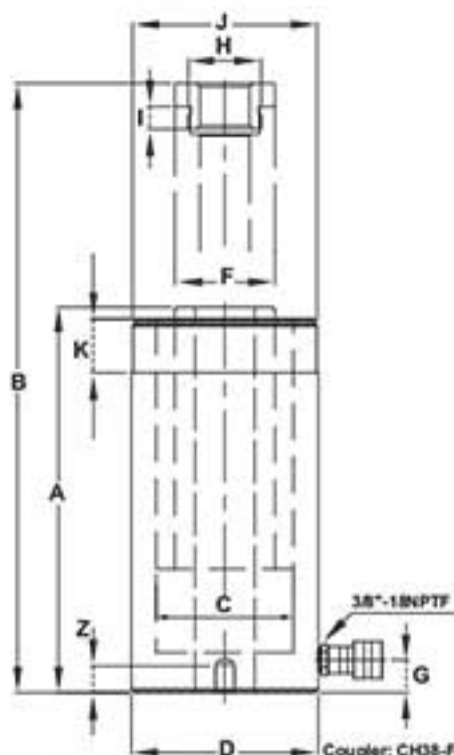
- Heavy Duty return spring for quicker retraction.
- Dual Plunger wipers help to prevent contamination.
- Collar thread for easy attachment.
- High flow coupler with dust cap.



Model Number	Stroke (mm)	A		B		Internal Plunger Thread Lgth (mm)	Oil Capacity (cc)	Weight (Kg)
		Min. Height (mm)	Max. Height (mm)	Min. Height (mm)	Max. Height (mm)			
CYLINDER CAPACITY: 12 Ton = 132 kN								
HC1201T	7.8	60	67	-	-	16	15	1.5
HC1202XT	41	120	161	-	-	-	77	2.8
HC1202	41	120	161	-	-	27	77	2.8
HC1203XT	76	184	260	-	-	-	143	3.9
CYLINDER CAPACITY: 20 Ton = 221 kN								
HC2002T	51	162	213	-	-	21	161	7.2
HC2006T	154	306	460	-	-	21	487	13.4
CYLINDER CAPACITY: 30 Ton = 286 kN								
HC3002T	64	179	243	-	-	24	260	10.4
HC3006T	155	330	486	-	-	24	633	19.5
CYLINDER CAPACITY: 60 Ton = 589 kN (INCL. 2 CARRY HANDLES)								
HC6003T	76	248	324	-	-	21	641	29.8
HC6006T	152	324	476	-	-	21	1282	36.8
CYLINDER CAPACITY: 100 Ton = 1000 kN (INCL. 2 CARRY HANDLES)								
HC10003T	76	254	330	-	-	27	1087	51.4



High Tonnage Cylinders up to 1000 Ton available on Request!



Capacity kN	Cylinder Effective Area (cm ²)	Cylinder Bore Ø (mm)	D O.D. (mm)	Plunger				H Internal Thread Ø	Collar Thread		Base Mounting Hole		
				E I.D. (mm)	F O.D. (mm)	G Base to Inlet Port (mm)	J Ø		K Lgth (mm)	X Pitch Ø (mm)	Y Thread Ø	Z Thread Depth (mm)	
CYLINDER CAPACITY: 12 Ton = 132 kN (COUPLER: CRZ14-F)													
12 Ton	132	18.8	55	70	19	35	15	3/4"-16UN	2 3/4"-16	30	50.8	5/16"-18UNC	9
CYLINDER CAPACITY: 12 Ton = 132 kN (COUPLER: CH38-F)													
12 Ton	132	18.8	55	70	19	35	19	3/4"-16UN	2 3/4"-16	30	50.8	5/16"-18UNC	9
CYLINDER CAPACITY: 20 Ton = 221 kN													
20 Ton	221	31.6	75	99	27	54	19	1 9/16"-16UN	3 7/8"-12	38	82.5	3/8"-16UNC	9
CYLINDER CAPACITY: 30 Ton = 286 kN													
30 Ton	286	40.8	85	114	33	63	23	1 13/16"-16UN	4 1/2"-12	42	92	3/8"-16UNC	14
CYLINDER CAPACITY: 60 Ton = 589 kN (INCL. 2 CARRY HANDLES)													
60 Ton	589	84.2	125	158	54	93	27	2 3/4"-16UN	6 1/4"-12	48	130	1/2"-13UNC	14
CYLINDER CAPACITY: 100 Ton = 1000 kN (INCL. 2 CARRY HANDLES)													
100 Ton	1000	142.8	165	213	79	125	27	4"-16UN	8 3/8"-12	60	178	5/8"-11UNC	19