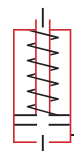




Hollow Plunger Cylinders

HC Series



Capacity:

12-100 Tonnes

Stroke:

8 - 155 mm

Max. Operating Pressure:

700 BAR

Min. - Max. Height:

60 - 486 mm



Here is a HC6006T in a pulling application.

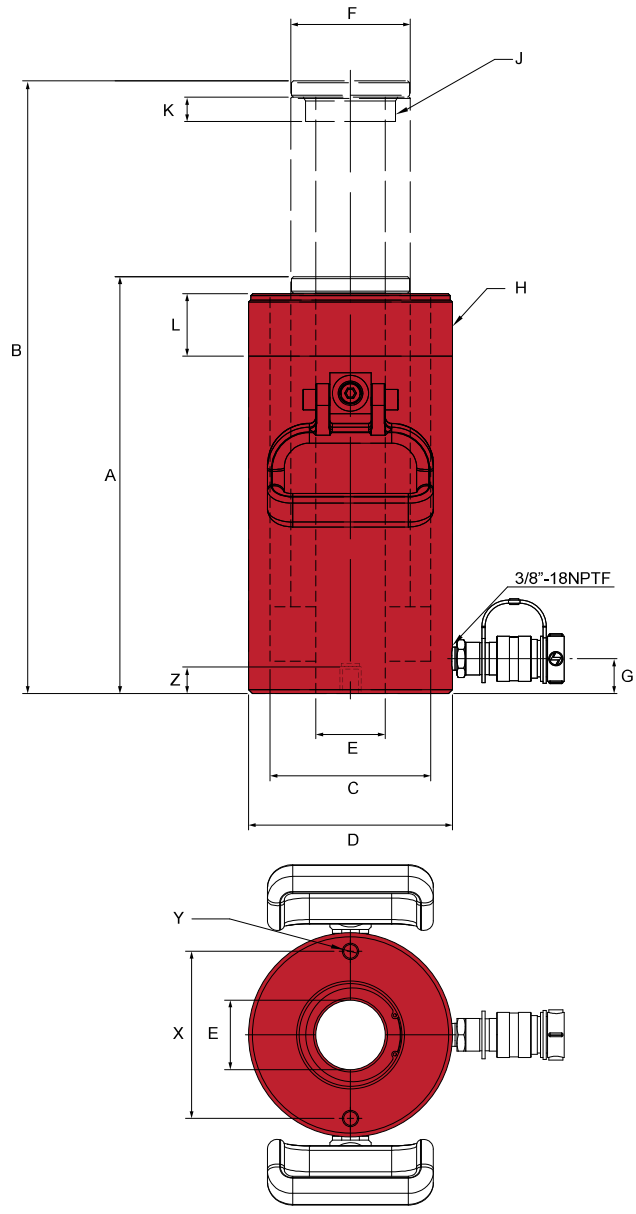


HC3002T

- Ideal for pulling and pushing applications.
- Heavy duty compression spring.
- Dual wipers help prevent contamination.
- Collar thread protector.
- High flow coupler with dust cap.
- XT cylinders do not have internal plunger threads.
- 60 and 100 Tonne models are equipped with carrying handles.

Cylinder Capacity	Stroke (mm)	Model Number	Cylinder Effective Area (cm ²)	Oil Capacity (cc)	Weight (kg)	Collapsed Height A (mm)	Extended Height B (mm)	Bore Dia. C (mm)	O.D. D (mm)
12 Tonne 131 kN	8	HC1201T	18.8	15	1.5	60	68	49	70
	41	HC1202	18.8	77	2.8	120	162	49	70
	41	HC1202XT	18.8	77	2.8	120	162	49	70
	76	HC1203XT	18.8	143	3.9	184	260	49	70
20 Tonne 221 kN	51	HC2002T	31.6	161	7.2	162	213	64	100
	154	HC2006T	31.6	487	13.4	306	460	64	100
30 Tonne 285 kN	64	HC3002T	40.8	261	10.4	179	243	72	114
	155	HC3006T	40.8	634	19.5	331	486	72	114
60 Tonne 589 kN	76	HC6003T*	84.2	641	29.8	248	324	104	159
	152	HC6006T*	84.2	1282	36.8	324	477	104	159
100 Tonne 1000 kN	76	HC10003T*	142.8	1087	51.4	254	330	135	213

* Cylinder is fitted with carrying handles.



HC Series

80% Safety Practices
 Good industry practice recommends not exceeding 80% of maximum rated capacities of all our products.

Combo Kits
 Most cylinders are available in easy to order kits: cylinder, gauge, couplers, hose and pump. pg 60

Related Product: Gauges
 Reduce the risk of overloading your product by using a gauge. A variety of graduations and types to suit any need. pg 65

Safety Instructions
 Visit our DO'S and DON'TS section to review the best methods of operation. Always be prepared. pg 102

High-Flow Couplers
 High-Flow Coupler: CH38F is included on all models (except where specified).

Model Number	Plunger				Collar Thread		Base to Inlet Port G (mm)	Base Mounting Hole		
	I.D. E (mm)	O.D. F (mm)	Internal Thread J	Internal Thread Length K (mm)	Diameter H	Length L (mm)		Bolt Circle X (mm)	Thread Y	Thread Depth Z (mm)
HC1201T	20	35	3/4"-16UN	16	2 3/4"-16N	46	14	51	5/16"-18UNC	9
HC1202	20	35	3/4"-16UN	16	2 3/4"-16N	46	15	51	5/16"-18UNC	9
HC1202XT	20	35	-	-	2 3/4"-16N	46	15	51	5/16"-18UNC	9
HC1203XT	20	35	-	-	2 3/4"-16N	46	19	51	5/16"-18UNC	9
HC2002T	27	55	1-9/16"-16UN	19	3 7/8"-12N	38	19	83	3/8"-16UNC	9
HC2006T	27	55	1-9/16"-16UN	19	3 7/8"-12N	38	19	83	3/8"-16UNC	9
HC3002T	33	63	1-13/16"-16UN	22	4 1/2"-12N	42	23	92	3/8"-16UNC	14
HC3006T	33	63	1-13/16"-16UN	22	4 1/2"-12N	42	23	92	3/8"-16UNC	14
HC6003T*	54	93	2 3/4"-16UN	19	6 1/4"-12N	49	27	130	1/2"-13UNC	14
HC6006T*	54	93	2 3/4"-16UN	19	6 1/4"-12N	49	27	130	1/2"-13UNC	14
HC10003T*	79	125	4"-16UN	25	8 3/8"-12N	60	27	178	5/8"-11UNC	19

* Cylinder is fitted with carrying handles