

## Single Acting Hollow Plunger Cylinders

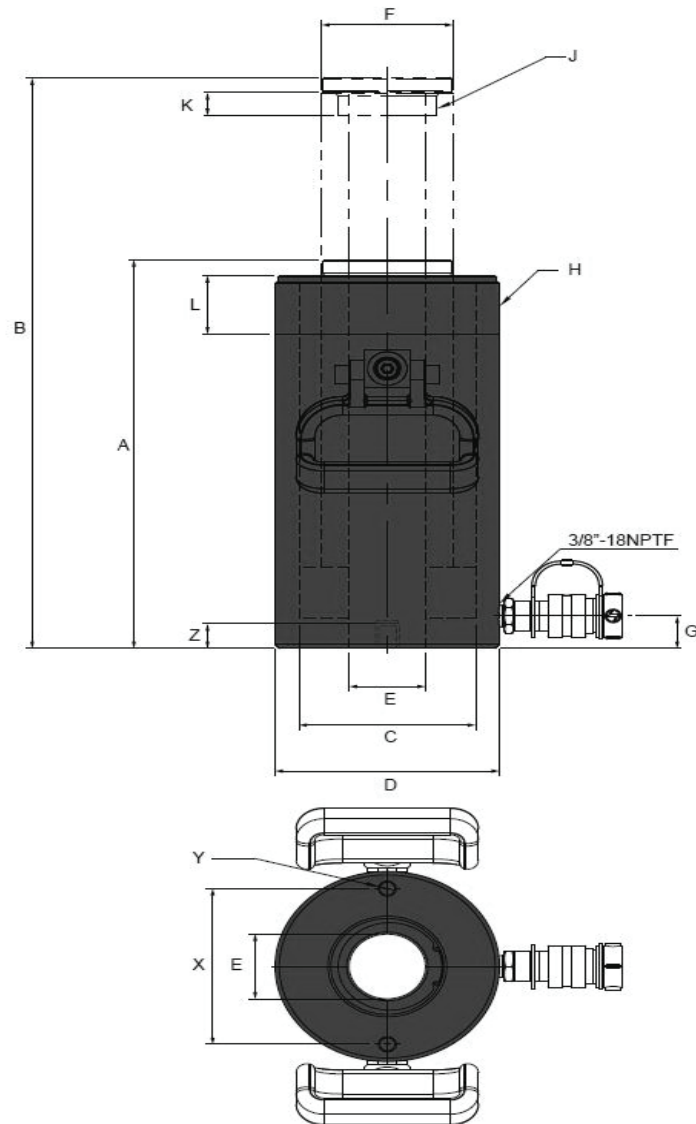
- Hollow plunger design for both push and pull forces.
- High strength alloy for durability.
- ECR-400 coupler and dust cap included with all models.
- Wiper seal fitted to most models to prevent penetration of dirt and extend cylinder life.
- Collar threads for easy fixing.



Capacity :  
12 - 100 Tons  
Stroke :  
8 - 155 mm  
Max. Operating Pressure :  
700 BAR  
Min. - Max. Height :  
60- 486 mm



Cylinder Capacity	Stroke (mm)	Cylinder Effective Area (cm <sup>2</sup> )	Oil Capacity (cc)	Weight (kg)	Collapsed Height A (mm)	Extended Height B (mm)	Bore Dia. C (mm)	O.D. D (mm)	Model Number
12 Ton 107 kN	8	18.8	15	1.5	60	68	49	70	PCH-120
	41	18.8	77	2.8	120	162	49	70	PCH-121
	41	18.8	77	2.8	120	162	49	70	PCH-1211
	76	18.8	143	3.9	184	260	49	70	PCH-123
20 Ton 178 kN	51	31.6	161	7.2	162	213	64	100	PCH-202
	154	31.6	487	13.4	306	460	64	100	PCH-206
30 Ton 267 kN	64	40.8	261	10.4	179	243	72	114	PCH-302
	155	40.8	634	19.5	331	486	72	114	PCH-306
60 Ton 534 kN	76	84.2	641	29.8	248	324	104	159	PCH-603*
	152	84.2	1282	36.8	324	477	104	159	PCH-606*
100 Ton 890 kN	76	142.8	1087	51.4	254	330	135	213	PCH-1003*



Plunger				Collar Thread		Base to Inlet Port G (mm)	Base Mounting Hole			Model Number
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)	
20	35	¾"-16UN	16	2¼"-16UN	46	14	51	5/16"-18UNC	9	PCH-120
20	35	¾"-16UN	16	2¼"-16UN	46	15	51	5/16"-18UNC	9	PCH-122
20	35	-	-	2¼"-16UN	46	15	51	5/16"-18UNC	9	PCH-122XT
20	35	-	-	2¼"-16UN	46	19	51	5/16"-18UNC	9	PCH-123
27	55	1-9/16"-16UN	19	3 7/8"-12N	38	19	83	3/8"-16UNC	9	PCH-202
27	55	1-9/16"-16UN	19	3 7/8"-12N	38	19	83	3/8"-16UNC	9	PCH-206
33	63	1-13/16"-16UN	22	4½"-12N	42	23	92	3/8"-16UNC	14	PCH-302
33	63	1-13/16"-16UN	22	4½"-12N	42	23	92	3/8"-16UNC	14	PCH-306
54	93	2¼"-16UN	19	6¼"-12N	49	27	130	½"-13UNC	14	PCH-603*
54	93	2¼"-16UN	19	6¼"-12N	49	27	130	½"-13UNC	14	PCH-606*
79	125	4"-16UN	25	8 3/8"-12N	60	27	178	5/8"-11UNC	19	PCH-1003*

\*Cylinder is fitted with a ECR-400 regular flow coupler