HOLLOW PLUNGER CYLINDERS | OEM CROSS-REFERENCE: ENERPAC RCH SERIES EQUIVALENT

HSCH Series Single-Acting Hollow Plunger Cylinders

Single-acting spring-return hollow plunger cylinders rated for 700 Bar (10,000 PSI), engineered for bolt tensioning, tendon pulling, bushing extraction, and load testing across 13 to 100 Ton capacities.



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RATED CAPACITY	OPERATING PRESSURE	ACTION & RETURN
13 - 100 Metric Tons	700 Bar (10,000 PSI)	Single-Acting, Spring Return

CENTER HOLE DIAMETER	BASE PROTECTION	SURFACE PROTECTION
Ø 19.6 - 79.0 mm (Rods & Cables)	Bolt-On Removable Steel Base Plate Standard	Hard Chrome-Plated Plunger & Baked Enamel Finish

Model	Capacity @10,000 PSI (700 bar) [Metric Ton]	Stroke [mm]	Effective Area [cm2]	Oil Capacity [cm3]	Closed Height (A) [mm]	Extended Height (B) [mm]	Collar Thread (C)	Collar Thread Length (X) [mm]	Outside Diam. (D) [mm]	Piston Diam. (F) [mm]	Piston Inner Thread (O)	Thread Length (P) [mm]	Base Mounting Holes			Center Hole Diam. (Y) [mm]	Weight [kg]
													Bolt Circle (U) [mm]	Thread (V)	Thread Depth (Z) [mm]		
HSCH-120	13	8	18.4	14.7	55	63	2 3/4"-16	30	70	35	3/4"-16 UN	16	50.8	5/16"-18	8.9	19.6	1.7
HSCH-121	13	42	18.4	77.3	120	162	2 3/4"-16	30	70	35	-	-	-	-	-	19.6	3.0
HSCH-123	13	76	18.4	140	184	260	2 3/4"-16	30	70	35	-	-	50.8	5/16"-18	8.9	19.6	4.7
HSCH-202	20	49	32.8	161	162	211	3 7/8"-12	38	99	55	1 9/16"-16 UN	19	82.5	3/8"-16	9.4	26.9	8.0
HSCH-206	20	155	32.8	508	306	461	3 7/8"-12	38	99	55	1 9/16"-16 UN	19	82.5	3/8"-16	9.4	26.9	14.5
HSCH-302	30	64	48.0	307	179	243	4 1/2"-12	42	115	65	1 13/16"-16 UN	22	92.2	3/8"-16	14.0	33.3	11.5
HSCH-306	30	155	48.0	744	330	485	4 1/2"-12	42	115	65	1 13/16"-16 UN	22	92.2	3/8"-16	14.0	33.3	23.0
HSCH-603	60	76	87.4	664	247	323	6 1/4"-12	48	159	92	2 3/4"-16 UN	19	130.3	1/2"-13	14.0	53.8	30.0
HSCH-606	60	153	87.4	1337	323	476	6 1/4"-12	48	159	92	2 3/4"-16 UN	19	130.3	1/2"-13	14.0	53.8	37.5
HSCH-1003	100	76	135.2	1028	254	330	8 3/8"-12	60	212	127	4"-16 UN	25	177.8	5/8"-11	20.1	79.0	62.0

HSCH Series Single-Acting Hollow Plunger Cylinders - Optional Hollow Threaded Saddles

Saddle Model	Compatible Cylinders	Saddle Outer Diam. (A) [in]	Internal Thread (B)	Protrusion (C) [in]	External Plunger Thread (D)
SH-2015	HSCH-202, HSCH-206	2.09	1" - 8 UNC	0.35	1-9/16" - 16 UN
SH-3015	HSCH-302, HSCH-306	2.48	1-1/4" - 7 UN	0.35	1-13/16" - 16 UN
SH-5016	HSCH-603, HSCH-606	3.58	1-5/8" - 5-1/2" UN	0.47	2-3/4" - 16 UN
SH-10016	HSCH-1003	4.96	2-1/2" - 8 UN	0.51	4" - 16 UN

Engineering Note: All dimensions in inches unless otherwise noted.