ALUMINUM LIGHTWEIGHT CYLINDERS | OEM CROSS-REFERENCE: ENERPAC RACH SERIES EQUIVALENT

HSCHA Series Lightweight Aluminum Hollow Cylinders

Single-acting spring-return lightweight aluminum hollow plunger cylinders rated for 700 Bar (10,000 PSI), engineered for post-tensioning, tie rod proof testing, and pin extraction across 20 to 150 Ton capacities.



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CAPACITY RANGE	STROKE RANGE	CENTER HOLE DIAMETER
20 - 150 Metric Tons	50 - 250 mm	27 - 79 mm (Through-Hole)

RATED PRESSURE	CYLINDER MATERIAL	BASE & SADDLE PROTECTION
700 Bar (10,000 PSI)	High-Strength Hard-Coat Anodized Aluminum Alloy	Removable 6 mm Hardened Steel Base Plate & Hollow Saddle

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]	Outside Diam. (D) [mm]	Bore Diam. (E) [mm]	Piston Diam. (F) [mm]	Center Hole Diam. (Y) [mm]	Bottom to Port (H) [mm]	Saddle Diam. (J) [mm]	Saddle Protrusion (K) [mm]	Weight [Kg]
HSCHA-202	20	50	32.7	164	188	238	100	75	55	27	29	55	10	5.2
HSCHA-204	20	100	32.7	327	251	351	100	75	55	27	29	55	10	6.1
HSCHA-206	20	150	32.7	491	315	465	100	75	55	27	29	55	10	7.1
HSCHA-208	20	200	32.7	654	378	578	100	75	55	27	29	55	10	8.0
HSCHA-2010	20	250	32.7	818	442	692	100	75	55	27	29	55	10	9.0
HSCHA-302	30	50	51.1	256	208	258	130	95	70	34	29	70	10	8.0
HSCHA-304	30	100	51.1	511	267	367	130	95	70	34	29	70	10	9.5
HSCHA-306	30	150	51.1	766	333	483	130	95	70	34	29	70	10	11.2
HSCHA-308	30	200	51.1	1022	395	595	130	95	70	34	29	70	10	12.9
HSCHA-3010	30	250	51.1	1277	458	708	130	95	70	34	29	70	10	14.5
HSCHA-602	60	50	84.7	423	251	301	180	130	100	54	61	100	12	16.2
HSCHA-604	60	100	84.7	847	315	415	180	130	100	54	61	100	12	19.5
HSCHA-606	60	150	84.7	1270	380	530	180	130	100	54	61	100	12	25.6
HSCHA-608	60	200	84.7	1694	445	645	180	130	100	54	61	100	12	26.0
HSCHA-6010	60	250	84.7	2117	510	760	180	130	100	54	61	100	12	29.6
HSCHA-1002	100	50	164.6	823	258	308	250	185	145	79	61	145	14	33.8
HSCHA-1004	100	100	164.6	1646	325	425	250	185	145	79	61	145	14	39.8
HSCHA-1006	100	150	164.6	2487	391	541	250	185	145	79	61	145	14	46.2
HSCHA-1008	100	200	164.6	3291	459	659	250	185	145	79	61	145	14	52.2
HSCHA-10010	100	250	164.6	4114	527	777	250	185	145	79	61	145	14	58.8
HSCHA-1502	150	50	225.8	1129	280	330	275	205	150	79	61	145	14	48.9
HSCHA-1504	150	100	225.8	2258	360	460	275	205	150	79	61	145	14	55.7
HSCHA-1506	150	150	225.8	3387	430	580	275	205	150	79	61	145	14	63.0
HSCHA-1508	150	200	225.8	4517	500	700	275	205	150	79	61	145	14	70.1
HSCHA-15010	150	250	225.8	5646	570	820	275	205	150	79	61	145	14	77.2