GENERAL PURPOSE & LOW HEIGHT CYLINDERS | OEM CROSS-REFERENCE: ENERPAC RC SERIES EQUIVALENT

HSC Series Single-Acting General Purpose Cylinders

Single-acting spring-return general-purpose hydraulic cylinders rated for 700 Bar (10,000 PSI), engineered for industrial lifting, pressing, production fixturing, and structural maintenance across 5 to 100 Ton capacities.



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RATED CAPACITY
5 - 100 Metric Tons

OPERATING PRESSURE
700 Bar (10,000 PSI)

ACTION & RETURN
Single-Acting, Spring Return

STROKE RANGE
16 - 362 mm (0.63 - 14.25 in)

COLLAR THREADS
Standard Body Threads & Base Mounting Holes

SURFACE PROTECTION
Hard Chrome-Plated Plunger & Baked Enamel Body

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)	Inner Thread Length (P) [mm]	Base Mounting Hole			Weight [kg]
													Bolt Circle (U) [mm]	Thread (V)	Thread Depth (Z) [mm]	
HSC-50	5	16	7.1	11.4	42	58	-	-	59x42	25	-	-	*	*	*	0.8
HSC-51	5	25	7.1	17.8	110	135	1.1/2" - 16 UN	28	38	25	3/4" - 16 UNF	16	25	1/4" - 20 UN	14	1.0
HSC-53	5	75	7.1	53.3	165	240	1.1/2" - 16 UN	28	38	25	3/4" - 16 UNF	16	25	1/4" - 20 UN	14	1.3
HSC-55	5	127	7.1	90.2	215	342	1.1/2" - 16 UN	28	38	25	3/4" - 16 UNF	16	25	1/4" - 20 UN	14	1.7
HSC-57	5	177	7.1	125.7	273	450	1.1/2" - 16 UN	28	38	25	3/4" - 16 UNF	16	25	1/4" - 20 UN	14	2.1
HSC-59	5	232	7.1	164.7	323	555	1.1/2" - 16 UN	28	38	25	3/4" - 16 UNF	16	25	1/4" - 20 UN	14	2.3
HSC-101	10	26	14.5	37.7	89	115	2.1/4" - 14 UN	26	57	38	**	-	39	5/16" - 18 UN	12	1.7
HSC-102	10	54	14.5	78.3	121	175	2.1/4" - 14 UN	26	57	38	1" - 8 UNC	19	39	5/16" - 18 UN	12	2.2
HSC-104	10	105	14.5	152.25	171	276	2.1/4" - 14 UN	26	57	38	1" - 8 UNC	19	39	5/16" - 18 UN	12	2.9
HSC-106	10	156	14.5	226.2	247	403	2.1/4" - 14 UN	26	57	38	1" - 8 UNC	19	39	5/16" - 18 UN	12	4.1
HSC-108	10	203	14.5	294.35	298	501	2.1/4" - 14 UN	26	57	38	1" - 8 UNC	19	39	5/16" - 18 UN	12	4.9
HSC-1010	10	257	14.5	372.65	349	606	2.1/4" - 14 UN	26	57	38	1" - 8 UNC	19	39	5/16" - 18 UN	12	5.6
HSC-1012	10	304	14.5	440.8	400	704	2.1/4" - 14 UN	26	57	38	1" - 8 UNC	19	39	5/16" - 18 UN	12	6.4
HSC-1014	10	356	14.5	516.2	450	806	2.1/4" - 14 UN	26	57	38	1" - 8 UNC	19	39	5/16" - 18 UN	12	7.2
HSC-151	15	25	21.2	53	124	149	2.3/4" - 16 UN	35	69	42	1" - 8 UNC	25	47	3/8" - 16 UN	12	3.2
HSC-152	15	51	21.2	108.12	149	200	2.3/4" - 16 UN	35	69	42	1" - 8 UNC	25	47	3/8" - 16 UN	12	3.7
HSC-154	15	101	21.2	214.12	200	301	2.3/4" - 16 UN	35	69	42	1" - 8 UNC	25	47	3/8" - 16 UN	12	5.0
HSC-156	15	152	21.2	322.24	271	423	2.3/4" - 16 UN	35	69	42	1" - 8 UNC	25	47	3/8" - 16 UN	12	6.5
HSC-158	15	203	21.2	430.36	322	525	2.3/4" - 16 UN	35	69	42	1" - 8 UNC	25	47	3/8" - 16 UN	12	7.7
HSC-1510	15	254	21.2	538.48	373	627	2.3/4" - 16 UN	35	69	42	1" - 8 UNC	25	47	3/8" - 16 UN	12	8.7
HSC-1512	15	305	21.2	646.6	423	728	2.3/4" - 16 UN	35	69	42	1" - 8 UNC	25	47	3/8" - 16 UN	12	9.8
HSC-1514	15	356	21.2	754.72	474	830	2.3/4" - 16 UN	35	69	42	1" - 8 UNC	25	47	3/8" - 16 UN	12	10.8
HSC-251	25	26	33.2	86.32	139	165	3.5/16" - 12 UN	54	86	57	1.1/2" - 16 UN	26	58	1/2" - 13 UN	19	5.3
HSC-252	25	50	33.2	166	165	215	3.5/16" - 12 UN	54	86	57	1.1/2" - 16 UN	26	58	1/2" - 13 UN	19	6.2
HSC-254	25	102	33.2	338.64	215	317	3.5/16" - 12 UN	54	86	57	1.1/2" - 16 UN	26	58	1/2" - 13 UN	19	8.0
HSC-256	25	158	33.2	524.56	273	431	3.5/16" - 12 UN	54	86	57	1.1/2" - 16 UN	26	58	1/2" - 13 UN	19	10.3
HSC-258	25	210	33.2	697.2	323	533	3.5/16" - 12 UN	54	86	57	1.1/2" - 16 UN	26	58	1/2" - 13 UN	19	12.1
HSC-2510	25	261	33.2	866.52	374	635	3.5/16" - 12 UN	54	86	57	1.1/2" - 16 UN	26	58	1/2" - 13 UN	19	14.1

HSC Series Single-Acting General Purpose Cylinders - Specification Matrix (Continued) | Click any row to open online interactive datasheet & quote

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)	Inner Thread Length (P) [mm]	Base Mounting Hole			Weight [kg]
													Bolt Circle (U) [mm]	Thread (V)	Thread Depth (Z) [mm]	
HSC-2512	25	311	33.2	1032.52	425	736	3.5/16" - 12 UN	54	86	57	1.1/2" - 16 UN	26	58	1/2" - 13 UN	19	15.5
HSC-2514	25	362	33.2	1201.84	476	838	3.5/16" - 12 UN	54	86	57	1.1/2" - 16 UN	26	58	1/2" - 13 UN	19	17.4
HSC-308	30	209	44.2	923.78	387	596	3.5/16" - 12 UN	50	102	57	1.1/2" - 16 UN	26	-	-	-	21.5
HSC-502	50	51	70.9	361.59	176	227	5" - 12 UN	55	127	80	-	-	95	1/2" - 13 UN	19	14.4
HSC-504	50	102	70.9	723.18	227	329	5" - 12 UN	55	127	80	-	-	95	1/2" - 13 UN	19	18.1
HSC-506	50	159	70.9	1127.31	282	441	5" - 12 UN	55	127	80	-	-	95	1/2" - 13 UN	19	22.2
HSC-5013	50	337	70.9	2389.33	460	797	5" - 12 UN	55	127	80	-	-	95	1/2" - 13 UN	19	34.3
HSC-756	75	156	103.9	1620.84	285	441	5.3/4" - 12 UN	45	146	95	-	-	-	-	-	30.5
HSC-7513	75	333	103.9	3459.87	492	825	5.3/4" - 12 UN	45	146	95	-	-	-	-	-	50.3
HSC-1002	100	50	133	676	219	270	6.7/8" - 12 UN	44	178	105	-	-	139	3/4" - 10 UN	25	36.7
HSC-1004	100	102	133	1353.9	291	393	6.7/8" - 12 UN	44	178	105	-	-	139	3/4" - 10 UN	25	48.4
HSC-1006	100	168	133	2234.4	357	525	6.7/8" - 12 UN	44	178	105	-	-	139	3/4" - 10 UN	25	59.7
HSC-10010	100	260	133	3458	449	709	6.7/8" - 12 UN	44	178	105	-	-	139	3/4" - 10 UN	25	72.9

Engineering Note: * HSC-50 features a non-circular 59 x 42 mm flanged base with two Ø5.6 mm (0.22") mounting through-holes (Ø8.9 mm counterbore, 4.6 mm deep, 25 mm from coupler end). ** HSC-101 plunger end incorporates #10-24 UNC x 6 mm mounting thread holes instead of a center inner thread.