HIGH TONNAGE & PULL CYLINDERS | OEM CROSS-REFERENCE: ENERPAC HCG SERIES EQUIVALENT

HSCX Series Single-Acting High-Tonnage Cylinders

Single-acting load-return high-tonnage hydraulic cylinders rated for 700 Bar (10,000 PSI), engineered for critical civil infrastructure, heavy structural lifting, and bridge jacking across 50 to 1,000 Ton capacities.



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RATED CAPACITY	STROKE RANGE	ACTING TYPE
50 - 1000 METRIC TONS	50 - 300 MM (1.97 - 11.81 IN)	SINGLE-ACTING, LOAD-RETURN

STANDARD SADDLE	BEARING & PROTECTION	MAX WORKING PRESSURE
STX TILTING SADDLE (0° - 5° ARTICULATION)	COMPOSITE GUIDE BEARINGS & OVERSTROKE OVERFLOW PORT	700 BAR (10,000 PSI)

Model	Capacity @10,000 PSI (700 bar) [Metric Ton]	Stroke [mm]	Effective Area [cm2]	Oil Capacity [cm3]	Collapsed Height (A) [mm]	Extended Height (B) [mm]	Outside Diam. (D) [mm]	Plunger Diam. (F) [mm]	Bolt Circle (U) [mm]	Bolt Thread (V)	Thread Depth (Z) [mm]	Weight [Kg]
HSCX-502	50	50	75.4	377	162	212	130	70	65	M12	23	17
HSCX-504	50	100	75.4	754	212	312	130	70	65	M12	23	20
HSCX-506	50	150	75.4	1131	262	412	130	70	65	M12	23	23
HSCX-508	50	200	75.4	1508	312	512	130	70	65	M12	23	27
HSCX-5010	50	250	75.4	1885	362	612	130	70	65	M12	23	31
HSCX-5012	50	300	75.4	2262	412	712	130	70	65	M12	23	34
HSCX-1002	100	50	132.5	664	182	232	165	95	95	M12	23	28
HSCX-1004	100	100	132.5	1327	232	332	165	95	95	M12	23	33
HSCX-1006	100	150	132.5	1991	282	432	165	95	95	M12	23	40
HSCX-1008	100	200	132.5	2655	332	532	165	95	95	M12	23	50
HSCX-10010	100	250	132.5	3318	382	632	165	95	95	M12	23	61
HSCX-10012	100	300	132.5	3982	432	732	165	95	95	M12	23	71
HSCX-1502	150	50	202.5	1010	196	246	205	115	130	M12	23	39
HSCX-1504	150	100	202.5	2020	246	346	205	115	130	M12	23	52
HSCX-1506	150	150	202.5	3028	296	446	205	115	130	M12	23	65
HSCX-1508	150	200	202.5	4038	346	546	205	115	130	M12	23	78
HSCX-15010	150	250	202.5	5048	396	646	205	115	130	M12	23	92
HSCX-15012	150	300	202.5	6058	446	746	205	115	130	M12	23	105
HSCX-2002	200	50	266.0	1330	216	266	235	135	165	M12	23	55
HSCX-2006	200	150	266.0	3989	316	466	235	135	165	M12	23	91
HSCX-20012	200	300	266.0	7977	466	766	235	135	165	M12	23	146
HSCX-2502	250	50	362.7	1813	235	285	275	165	190	M12	23	89
HSCX-2506	250	150	362.7	5442	335	485	275	165	190	M12	23	136
HSCX-25012	250	300	362.7	10883	485	785	275	165	190	M12	23	207
HSCX-3002	300	50	452.0	2262	312	362	310	200	180	M16	30	184
HSCX-3006	300	150	452.0	6786	412	562	310	200	180	M16	30	232
HSCX-30012	300	300	452.0	13571	562	862	310	200	180	M16	30	303
HSCX-4002	400	50	572.0	2860	375	425	350	215	205	M16	30	270

HSCX Series Single-Acting High-Tonnage 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]	Collapsed Height (A) [mm]	Extended Height (B) [mm]	Outside Diam. (D) [mm]	Plunger Diam. (F) [mm]	Bolt Circle (U) [mm]	Bolt Thread (V)	Thread Depth (Z) [mm]	Weight [Kg]
HSCX-4006	400	150	572.0	8580	475	625	350	215	205	M16	30	330
HSCX-40012	400	300	572.0	17230	625	925	350	215	205	M16	30	421
HSCX-5002	500	50	730.6	3653	419	469	400	250	250	M24	36	401
HSCX-5006	500	150	730.6	10959	519	669	400	250	250	M24	36	480
HSCX-50012	500	300	730.6	21918	669	969	400	250	250	M24	36	599
HSCX-6002	600	50	855.3	4276	429	479	430	270	275	M24	36	474
HSCX-6006	600	150	855.3	12829	529	679	430	270	275	M24	36	565
HSCX-60012	600	300	855.3	25659	679	979	430	270	275	M24	36	701
HSCX-8002	800	50	1163.0	5816	474	524	505	320	330	M24	36	741
HSCX-8006	800	150	1163.0	17450	574	724	505	320	330	M24	36	868
HSCX-80012	800	300	1163.0	34900	724	1024	505	320	330	M24	36	1058
HSCX-10002	1000	50	1450.0	7255	564	614	560	345	375	M24	36	1062
HSCX-10006	1000	150	1450.0	21766	664	814	560	345	375	M24	36	1213
HSCX-100012	1000	300	1450.0	43532	814	1114	560	345	375	M24	36	1439