

SELECTION TABLE FOR HI-FORCE STANDARD RANGE CYLINDERS

Cylinder stroke (in)	Maximum lifting capacity of cylinders (tons)												
	5	11-12	16-22	25-35	36-41	55-57	67-80	112-121	162-167	220-287	353-439	573-892	1115
0.24	HPS50	HVL10	HVL20	HVL30		HVL50		HVL100					
0.39		HPS100											
0.43			HPS200										
0.47				HPS300									
0.59						HPS500							
0.63	HPS51						HPS750	HPS1000	HPS1500				
0.99	HSS51	HSS101 HHS101		HLS301		HLS501		HLS1001	HLS1501				
1.58		HLS101											
1.73			HLS201										
1.77									HFL1502	HFL2002 HFL2502	HFL4002	HFL5002	
1.97	HSS52	HHS102	HSS152	HHS202	HHS302			HFL1002	HLS1502	HFG2002			
2.01			HHA182	HSS252 HAS302 HFA302 HRA302	HHR302 HHA372	HSS502 HFL502 HFG502 HAS502 HFA502 HRA502		HFG1002 HAS1002 HFA1002 HRA1002	HFG1502				
2.21		HSS102											
2.36				HLS302		HLS502		HLS1002					
2.96	HSS53												
2.99							HHS403 HHR603	HHS1003 HHR1003					
3.94	HSS54	HSS104	HSS154					HFG1004	HFG1504				
4.02				HSS254		HSS504 HFG504		HSS1004					
4.14						HHA504							
4.93	HSS55												
5.91		HSS106	HSS156	HHS206 HSS256	HHR306	HFG506	HHS606	HFG1006 HHS1006	HFG1506		HFG3006		
5.95											HFG4006		
5.99		HHS106		HDA256 HAS306 HFA306 HRA306	HHS306	HSS506 HDA506 HFA506 HRA506	HSS756 HHR606	HDA1006 HHR1006 HSA1006 HFA1006 HRA1006	HDA1506 HSG1506	HDA2006 HFG2006 HSG2006 HFG2506	HDA3006 HDA4006 HSG3006	HDA5006 HFG5006 HDA8006 HFG8006	HDA10006 HFG10006
6.03								HSS1006					
6.11									HGG1506	HGG2006	HGG3006		
6.93	HSS57												
8				HSS258		HSS508			HHR1508	HHR2508			
8.08				HSS308									
8.12		HSS108											
8.94	HSS59												
9.85		HSS1010	HSS1510	HSS2510									
10.01							HHR6010	HSS10010					
12.02		HSS1012		HAS3012 HFA3012 HRA3012	HHR3012	HAS5012 HFA5012 HRA5012		HAS10012 HFA10012 HRA10012	HDA15012	HDA20012	HDA30012 HDA40012	HDA50012	
13						HDA5013 HSS5013		HDA10013					
14.03				HSS2514									
18.01				HSS2518									
20.02						HDA5020							

Cylinder range	Page	Cylinder principle	Main characteristics of Hi-Force cylinder range			
			Return action	Piston feature	Saddle	Stroke limiting device
HVL	7	single acting	load/gravity return	solid piston	integrated	stop ring
HPS	8	single acting	spring assisted return	solid piston	integrated	stop ring
HLS	9	single acting	spring assisted return	solid piston	integrated	stop ring
HSS	10	single acting	spring assisted return	solid piston	several options available	stop ring
HHS	11	single acting	spring assisted return	hollow piston	several options available	stop ring
HHR	12	double acting	hydraulic return	hollow piston	several options available	stop ring
HDA	13	double acting	hydraulic return	solid piston	several options available	stop ring
HFL	14	single acting	load/gravity return	threaded piston & lock ring	tilting saddle	restriction port
HFG	15	single acting	load/gravity return	threaded piston & lock ring	tilting saddle	restriction port
HAS	16	single acting	spring assisted return	solid piston	flat saddle	stop ring
HHA	17	single acting	spring assisted return	hollow piston	several options available	stop ring
HFA	18	single acting	spring assisted return	threaded piston & lock ring	tilting saddle	stop ring
HRA	19	double acting	hydraulic return	solid piston	flat saddle	stop ring
HGG	20	single acting	load/gravity return	solid piston	tilting saddle	stop ring
HSG	21	single acting	load/gravity return	solid piston	tilting saddle	restriction port