

Double Acting Hollow Plunger Cylinders



Capacity:
60-1,500 Tons

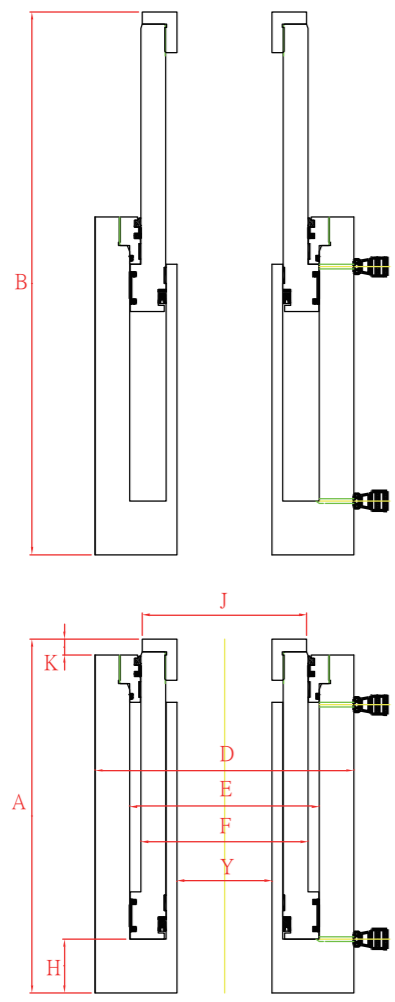
Stroke:
75-500 mm

Center Hole Diameter:
54-400mm

Max. Operating Pressure:
700bar/10,000psi

DHC Series

Model No.	Capacity	Stroke	Piston Area	Oil Volume
	Ton/Kn	mm	cm ²	cm ³
DHC-603	60	75	94.25	707
DHC-606		150	94.25	1414
DHC-6012		300	94.25	2827
DHC-1003	100	75	148.44	1113
DHC-1006		150	148.44	2227
DHC-10012		300	148.44	4453
DHC-1503	150	75	223.65	1677
DHC-1506		150	223.65	3354
DHC-15012		300	223.65	6708
DHC-2003	200	75	294.7	2210.4
DHC-2006		150	294.7	4420.8
DHC-20012		300	294.7	8841.6
DHC-20020		500	294.7	14736
DHC-2503	250	75	371.5	2786.2
DHC-2506		150	371.5	5572.4
DHC-25012		300	371.5	11144.8
DHC-25020		500	371.5	18574.7
DHC-3003	300	75	438	3285.43
DHC-3006		150	438	6570.86
DHC-30012		300	438	13141.72
DHC-30020		500	438	21920.86
DHC-3503	350	75	499.52	3746.35
DHC-3506		150	499.52	7492.7
DHC-35012		300	499.52	14985.43
DHC-35020		500	499.52	24975.72
DHC-4003	400	75	592.2	4441.4
DHC-4006		150	592.2	8882.8
DHC-40012		300	592.2	17765.6
DHC-40020		500	592.2	29609.3
DHC-5003	500	75	742.2	5566.5
DHC-5006		150	742.2	11133
DHC-50012		300	742.2	22266
DHC-50020		500	742.2	37110
DHC-6006	600	150	887.7	13315.4
DHC-60012		300	887.7	26630.8
DHC-60020		500	887.7	44384.6
DHC-8006	800	150	1169.6	17544.8
DHC-80012		300	1169.6	35089.7
DHC-80020		500	1169.6	58482.8
DHC-10006	1000	150	1432.5	21488.5
DHC-100012		300	1432.5	42977.1
DHC-100020		500	1432.5	71628.5
DHC-12006	1200	150	1730.8	25962
DHC-120012		300	1730.8	51924
DHC-120020		500	1730.8	86540
DHC-15006	1500	150	2164.7	32471
DHC-150012		300	2164.7	64942
DHC-150020		500	2164.7	108236



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- DCH Series Hollow plunger cylinders allow for both pull and push forces up to 1,500 tons
- Double-acting, for positive retraction
- Relief valves prevent damage in case of over-pressurisation
- Plunger wiper reduces contamination, extending cylinder life
- Baked enamel outside finish and chrome plated pistons provide superior corrosion protection
- C8F coupler and dustcap included on all models
- Customized capacity and strokes available

Collapsed Height	Extended Height	Cylinder Dia.	Bore Dia.	Plunger Dia.	Port Height	Saddle Dia.	Clearance Betw een Saddle And Stop Ring	Center Hole Dia.	Weight	Model No.
A	B	D	E	F	H	J	K	Y	kgs	
250	325	160	130	105	40	105	15	54	30	DHC-603
325	475	160	130	105	40	105	15	54	38	DHC-606
475	775	160	130	105	40	105	15	54	53	DHC-6012
260	335	215	170	145	50	145	15	80	56	DHC-1003
335	485	215	170	145	50	145	15	80	71	DHC-1006
485	785	215	170	145	50	145	15	80	100	DHC-10012
265	340	280	210	185	55	185	15	100	100	DHC-1503
340	490	280	210	185	55	185	15	100	128	DHC-1506
490	790	280	210	185	55	185	15	100	182	DHC-15012
275	350	330	245	215	65	215	15	120	145	DHC-2003
350	500	330	245	215	65	215	15	120	182	DHC-2006
500	800	330	245	215	65	215	15	120	257	DHC-20012
700	1200	330	245	215	65	215	15	120	357	DHC-20020
300	375	370	270	240	75	240	20	130	200	DHC-2503
375	525	370	270	240	75	240	20	130	249	DHC-2506
545	845	370	270	240	75	240	20	130	361	DHC-25012
765	1265	370	270	240	75	240	20	130	505	DHC-25020
325	400	410	300	265	85	265	25	150	260	DHC-3003
400	550	410	300	265	85	265	25	150	319	DHC-3006
560	860	410	300	265	85	265	25	150	444	DHC-30012
780	1280	410	300	265	85	265	25	150	618	DHC-30020
330	405	440	325	285	90	285	25	165	302	DHC-3503
405	555	440	325	285	90	285	25	165	368	DHC-3506
585	885	440	325	285	90	285	25	165	530	DHC-35012
795	1295	440	325	285	90	285	25	165	717	DHC-35020
355	430	480	355	310	100	310	30	180	383	DHC-4003
430	580	480	355	310	100	310	30	180	462	DHC-4006
595	895	480	355	310	100	310	30	180	637	DHC-40012
810	1310	480	355	310	100	310	30	180	862	DHC-40020
385	460	530	390	340	110	340	30	195	516	DHC-5003
460	610	530	390	340	110	340	30	195	612	DHC-5006
610	910	530	390	340	110	340	30	195	803	DHC-50012
840	1340	530	390	340	110	340	30	195	1103	DHC-50020
480	630	575	425	380	120	380	30	210	763	DHC-6006
630	930	575	425	380	120	380	30	210	996	DHC-60012
870	1370	575	425	380	120	380	30	210	1377	DHC-60020
530	680	670	495	440	140	440	40	250	1120	DHC-8006
680	980	670	495	440	140	440	40	250	1430	DHC-80012
920	1420	670	495	440	140	440	40	250	1940	DHC-80020
600	750	780	575	520	160	520	50	310	1685	DHC-10006
750	1050	780	575	520	160	520	50	310	2105	DHC-100012
960	1460	780	575	520	160	520	50	310	2700	DHC-100020
640	790	870	640	580	180	580	50	350	2246	DHC-12006
790	1090	870	640	580	180	580	50	350	2765	DHC-120012
1030	1530	870	640	580	180	580	50	350	3620	DHC-120020
675	825	980	725	660	205	660	50	400	3007	DHC-15006
855	1155	980	725	660	205	660	50	400	3813	DHC-150012
1055	1555	980	725	660	205	660	50	400	4690	DHC-150020