

# HDC SERIES

## DOUBLE ACTING HOLLOW HOLE CYLINDERS

- Collar thread for easy attachment
- Dual Plunger wipers help to prevent contamination
- High flow 3/8"-18NPTF ball couplers with dust caps included
- Maximum working pressure is 700 ba

Item	Stroke (mm)	Min. height A (mm)	Outside Ø D (mm)	Plunger I.D E (mm)	Push oil capacity (cc)	Pull oil capacity (cc)	Push effective area (cm <sup>2</sup> )	Pull effective area (cm <sup>2</sup> )	Weight (kg)
<b>Push capacity: 30 tn (280 kN), Pull capacity: 18 tn (176 kN)</b>									
HDC3007	178	331	114	33	492	328	41	26	19,5
HDC3010	257	432	114	33	1 051	658	41	26	25,7
<b>Push capacity: 60 tn (578 kN), Pull capacity: 40 tn (385 kN)</b>									
HDC6003	89	248	159	54	750	500	84	56	29,8
HDC6006	165	324	159	54	1 390	926	84	56	36,8
HDC6010	257	438	159	54	2 165	1 443	84	56	51,0
<b>Push capacity: 100 tn (981 kN), Pull capacity: 64 tn (625 kN)</b>									
HDC10001	38	165	213	79	545	347	143	91	33,4
HDC10003	76	254	213	79	1 086	694	143	91	51,4
HDC10006	152	343	213	79	2 169	1 388	143	91	69,5
HDC10010	257	461	213	79	3 679	2 345	143	91	90,2
<b>Push capacity: 145 tn (1 407 kN), Pull capacity: 75 tn (733 kN)</b>									
HDC15008	203	349	248	79	4 247	2 170	205	107	108,5



HDC3010



HDC6010

Item	Center tube Ø C (mm)	Outside Ø F (mm)	Base to inlet G (mm)	Top to return port L (mm)	Internal thread H	Internal thread length I (mm)	Collar thread Ø J	Collar thread length K (mm)	Base mounting hole		
									Bolt circle X (mm)	Thread Y	Thread depth Z (mm)
HDC3007	85	63	23	60	1 13/16"-16UN	24	4 1/2"-12N	42	92	3/8"-16UNC	14
HDC3010	85	63	23	60	1 13/16"-16UN	24	4 1/2"-12N	42	92	3/8"-16UNC	14
HDC6003	125	92	27	67	2 3/4"-16UN	21	6 1/4"-12N	49	130	1/2" 13UNC	14
HDC6006	125	92	27	67	2 3/4"-16UN	21	6 1/4"-12N	49	130	1/2" 13UNC	14
HDC6010	125	92	27	67	2 3/4"-16UN	21	6 1/4"-12N	49	130	1/2" 13UNC	14
HDC10001	165	125	27	44	4"-16UN	27	-	-	178	5/8" 11UNC	19
HDC10003	165	125	27	86	4"-16UN	27	8 3/8"-12N	60	178	5/8" 11UNC	19
HDC10006	165	125	27	86	4"-16UN	27	8 3/8"-12N	60	178	5/8" 11UNC	19
HDC10010	165	125	27	86	4"-16UN	27	8 3/8"-12N	60	178	5/8" 11UNC	19
HDC15008	190	150	38	60	4 1/4"-12N	35	-	-	-	-	-

