

# H SERIES

## SINGLE ACTING CYLINDER

- Heavy duty return spring for quicker retraction
- Solid steel cylinder body
- High flow ball coupler and dust cap included
- Handles included in models with a push capacity over 50 ton
- Maximum working pressure is 700 bar

Item	Stroke mm	Min. Height mm	Outside Ø mm	Oil Capacity cc	Cylinder Effective Area cm <sup>2</sup>	Weight kg
<b>Push Capacity: 5 tn (44 kN)</b>						
H0501	27	116	38	16	6,5	1,4
H0503	78	169	38	50	6,5	1,5
H0505	129	221	38	83	6,5	1,8
H0507	181	272	38	116	6,5	2,1
H0509	232	324	38	148	6,5	2,5
<b>Push Capacity: 10 tn (99 kN)</b>						
H1001	25	92	58	36	14,5	1,8
H1002	51	123	58	74	14,5	2,3
H1004	102	174	58	147	14,5	3,5
H1006	155	250	58	218	14,5	4,3
H1008	206	301	58	292	14,5	5,1
H1010	257	352	58	366	14,5	5,9
H1012	305	403	58	439	14,5	6,8
H1014	356	450	58	515	14,5	7,6
<b>Push Capacity: 15 tn (139 kN)</b>						
H1501	25	124	70	50	20,3	3,1
H1502	51	149	70	103	20,3	3,9
H1504	101	200	70	205	20,3	5,0
H1506	152	270	70	308	20,3	6,7
H1508	203	321	70	411	20,3	7,8
H1510	254	372	70	515	20,3	9,1
H1512	305	423	70	618	20,3	10,2
H1514	356	474	70	721	20,3	11,4
H1516	407	529	70	824	20,3	12,8
<b>Push Capacity: 25 tn (228 kN)</b>						
H2501	26	143	85	86	33,2	5,5
H2502	51	168	85	170	33,2	6,4
H2504	102	219	85	339	33,2	8,2
H2506	155	272	85	515	33,2	10,1
H2508	206	323	85	684	33,2	11,9
H2510	257	374	85	854	33,2	13,7
H2512	310	426	85	1 030	33,2	15,6
H2514	362	476	85	1 203	33,2	17,4
<b>Push Capacity: 30 tn (287 kN)</b>						
H3008	210	387	102	879	41,9	18,5
<b>Push Capacity: 55 tn (487 kN)</b>						
H5502	51	176	127	360	70,9	15,0
H5504	103	227	127	730	70,9	18,6
<b>Push Capacity: 55 tn (487 kN) [2 handles included]</b>						
H5506	159	283	127	1 126	70,9	26,1
H5510	260	385	127	1 844	70,9	30,6
H5513	337	461	127	2 388	70,9	39,5
<b>Push Capacity: 75 tn (718 kN) [2 handles included]</b>						
H7506	156	285	147	1 620	103,9	33,6
H7513	333	492	147	3 459	103,9	55,3
<b>Push Capacity: 100 tn (911 kN) [2 handles included]</b>						
H10002	51	219	159	677	132,7	29,9
H10006	168	357	177	2 229	132,7	57,6
H10010	260	449	177	3 453	132,7	69,4
H10014	356	545	177	4 721	132,7	81,6



H1006



H2506



H7513

## H SERIES SPECIFICATIONS

Item	Cylinder Ø (mm)	Plunger Ø (mm)	Saddle Ø (mm)	Base to Inlet Port (mm)	Collar Thread	Collar Thread Length (mm)	Plunger Internal Thread	Plunger Thread Length (mm)	Base Mounting Hole			
									Bolt Circle (mm)	Thread	Thread Depth (mm)	
<b>Push Capacity: 5 tn (44 kN)</b>												
H0501	29	25	25	20	1 1/2"-16N	28	3/4"-16UNF	16	25	1/4"-20UNC	14	
H0503	29	25	25	20	1 1/2"-16N	28	3/4"-16UNF	16	25	1/4"-20UNC	14	
H0505	29	25	25	20	1 1/2"-16N	28	3/4"-16UNF	16	25	1/4"-20UNC	14	
H0507	29	25	25	20	1 1/2"-16N	28	3/4"-16UNF	16	25	1/4"-20UNC	14	
H0509	29	25	25	20	1 1/2"-16N	28	3/4"-16UNF	16	25	1/4"-20UNC	14	
<b>Push Capacity: 10 tn (99 kN)</b>												
H1001	43	38	-	20	2 1/4"-14UN	30	-	6	40	5/16"-18UNC	14	
H1002	43	38	35	20	2 1/4"-14UN	30	1"-8UNC	20	40	5/16"-18UNC	14	
H1004	43	38	35	20	2 1/4"-14UN	30	1"-8UNC	20	40	5/16"-18UNC	14	
H1006	43	38	35	20	2 1/4"-14UN	30	1"-8UNC	20	40	5/16"-18UNC	14	
H1008	43	38	35	20	2 1/4"-14UN	30	1"-8UNC	20	40	5/16"-18UNC	14	
H1010	43	38	35	20	2 1/4"-14UN	30	1"-8UNC	20	40	5/16"-18UNC	14	
H1012	43	38	35	20	2 1/4"-14UN	30	1"-8UNC	20	40	5/16"-18UNC	14	
H1014	43	38	35	20	2 1/4"-14UN	30	1"-8UNC	20	40	5/16"-18UNC	14	
<b>Push Capacity: 15 tn (139 kN)</b>												
H1501	51	41	38	20	2 3/4"-16UN	30	1"-8UNC	25	48	3/8"-16UNC	13	
H1502	51	41	38	20	2 3/4"-16UN	30	1"-8UNC	25	48	3/8"-16UNC	13	
H1504	51	41	38	20	2 3/4"-16UN	30	1"-8UNC	25	48	3/8"-16UNC	13	
H1506	51	41	38	25	2 3/4"-16UN	30	1"-8UNC	25	48	3/8"-16UNC	13	
H1508	51	41	38	25	2 3/4"-16UN	30	1"-8UNC	25	48	3/8"-16UNC	13	
H1510	51	41	38	25	2 3/4"-16UN	30	1"-8UNC	25	48	3/8"-16UNC	13	
H1512	51	41	38	25	2 3/4"-16UN	30	1"-8UNC	25	48	3/8"-16UNC	13	
H1514	51	41	38	25	2 3/4"-16UN	30	1"-8UNC	25	48	3/8"-16UNC	13	
H1516	51	41	38	25	2 3/4"-16UN	30	1"-8UNC	25	48	3/8"-16UNC	13	
<b>Push Capacity: 25 tn (228 kN)</b>												
H2501	65	57	50	25	3 5/16"-12N	49	1 1/2"-16UNC	30	59	1/2"-13UNC	19	
H2502	65	57	50	25	3 5/16"-12N	49	1 1/2"-16UNC	30	59	1/2"-13UNC	19	
H2504	65	57	50	25	3 5/16"-12N	49	1 1/2"-16UNC	30	59	1/2"-13UNC	19	
H2506	65	57	50	25	3 5/16"-12N	49	1 1/2"-16UNC	30	59	1/2"-13UNC	19	
H2508	65	57	50	25	3 5/16"-12N	49	1 1/2"-16UNC	30	59	1/2"-13UNC	19	
H2510	65	57	50	25	3 5/16"-12N	49	1 1/2"-16UNC	30	59	1/2"-13UNC	19	
H2512	65	57	50	25	3 5/16"-12N	49	1 1/2"-16UNC	30	59	1/2"-13UNC	19	
H2514	65	57	50	25	3 5/16"-12N	49	1 1/2"-16UNC	30	59	1/2"-13UNC	19	
<b>Push Capacity: 30 tn (287 kN)</b>												
H3008	73	57	50	50	3 5/16"-12UN	49	1 1/2"-16UNC	30	56	1/2"-13UNC	19	
<b>Push Capacity: 55 tn (487 kN)</b>												
H5502	95	80	70	31	5"-12UN	55	-	-	95	1/2"-13UNC	19	
H5504	95	80	70	31	5"-12UN	55	-	-	95	1/2"-13UNC	19	
<b>Push Capacity: 55 tn (487 kN) (2 handles included)</b>												
H5506	95	80	70	31	5"-12UN	55	-	-	95	1/2"-13UNC	19	
H5510	95	80	70	31	5"-12UN	55	-	-	95	1/2"-13UNC	19	
H5513	95	80	70	31	5"-12UN	55	-	-	95	1/2"-13UNC	19	
<b>Push Capacity: 75 tn (718 kN) (2 handles included)</b>												
H7506	115	95	70	30	5 3/4"-12UN	45	-	-	100	3/4"-10UNC	22	
H7513	115	95	70	30	5 3/4"-12UN	45	-	-	100	3/4"-10UNC	22	
<b>Push Capacity: 100 tn (911 kN) (2 handles included)</b>												
H10002	130	105	70	38	6 1/4"-12UN	55	-	-	-	-	-	
H10006	130	105	70	40	6 7/8"-12UN	45	-	-	140	3/4"-10UNC	25	
H10010	130	105	70	40	6 7/8"-12UN	45	-	-	140	3/4"-10UNC	25	
H10014	130	105	70	40	6 7/8"-12UN	45	-	-	140	3/4"-10UNC	25	