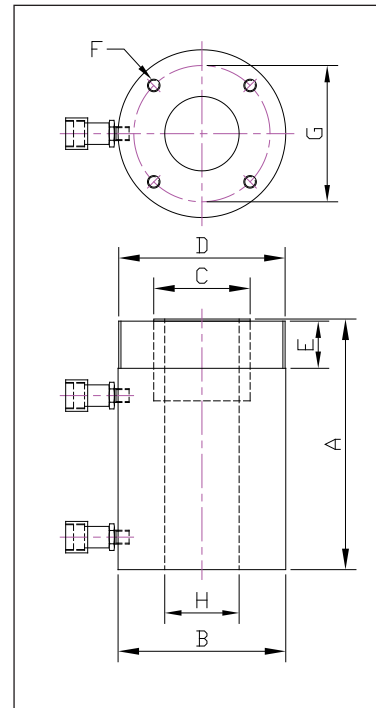


HHR Double Acting Hollow Piston Cylinders

Technical Specifications

- Capacities from 33 to 247 tonne
- Stroke lengths from 50 to 305mm
- Working pressure 700 Bar
- Double acting design
- Surface treated piston rod
- Annular area overload protection valve
- Low friction bearing surfaces
- Anti-extrusion seals
- Optional piston rod saddles
- Enhanced speed of operation



Model Number	Available for Hire	Maximum Cylinder Capacity Tonnes	Stroke mm	Cylinder Effective Area cm ²	Oil Capacity cm ³	Closed Height (A) mm	Cylinder O/Dia (B) mm	Piston Dia (C) mm	Collar Thread (D) inches	Collar Thread Length (E) mm	Base Mounting Holes (F)	PCD (G) mm	Hole (H) mm	Weight kg
HHR302		33 PUSH 24 PULL	51	46.70	238	180	115	60.3	4-1/2" x 12un	40	M8	92	35	12.2
HHR306		33 PUSH 24 PULL	150	46.70	701	279	115	60.3	4-1/2" x 12un	40	M8	92	35	17.6
HHR3012		33 PUSH 24 PULL	305	46.70	1424	434	115	60.3	4-1/2" x 12un	40	M8	92	35	25.7
HHR603		61 PUSH 38 PULL	76	85.70	652	239	160	92	6-1/4" x 12un	45	M12	130	55	30.6
HHR606	•	61 PUSH 38 PULL	152	85.70	1304	315	160	92	6-1/4" x 12un	45	M12	130	55	41.6
HHR6010		61 PUSH 38 PUSH	254	85.70	2179	417	160	92	6-1/4" x 12un	45	M12	130	55	52.5
HHR1002		102 PUSH 43 PULL	50	143.10	715	284	213	140	8-3/8" x 12un	40	M16	178	80	61.3
HHR1003		102 PUSH 43 PULL	76	143.10	1087	308	213	140	8-3/8" x 12un	40	M16	178	80	68.5
HHR1006	•	102 PUSH 43 PULL	152	143.10	2174	387	213	140	8-3/8" x 12un	40	M16	178	80	90.0
HHR2508		247 PUSH 89 PULL	203	346.50	6946	500	340	250	Optional	-	Optional	-	150	269.0

• No statement or data within this literature is warranted or guaranteed to be accurate.

Whilst every effort has been made to ensure the availability of the models and specifications within this catalogue, our policy of continuous improvement means specifications and models are liable to change without notice. We reserve the right to change the specifications and models available for sale or hire and to supply equivalent products where appropriate.

W.CHRISTIE (INDUSTRIAL) LTD
CHRISTIE HOUSE, MEADOWBANK ROAD,
ROTHERHAM, SOUTH YORKSHIRE, S61 2NF, UK
T : +44(0)1709 550088 F : +44(0)1709 550030
E : INFO@WCHRISTIE.COM W : WWW.WCHRISTIE.COM

REGISTERED OFFICE: UNIT F7, FESTIVAL BUSINESS CENTRE,
150 BRAND STREET, GLASGOW, G51 1DH SCOTLAND
T: +44(0)141 427 9801 F: +44(0)141 427 9802
E: WCHRISTIEGLW@BTCONNECT.COM
REGISTRATION NO: SC 035247



CERTIFICATE NO: 2539/00