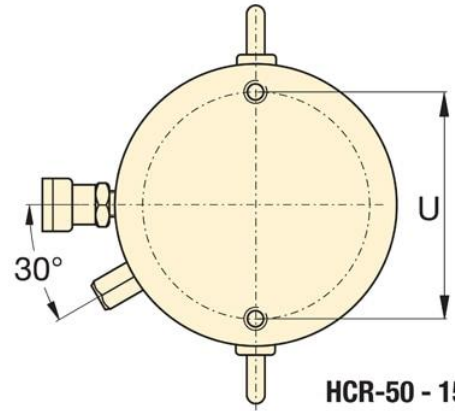
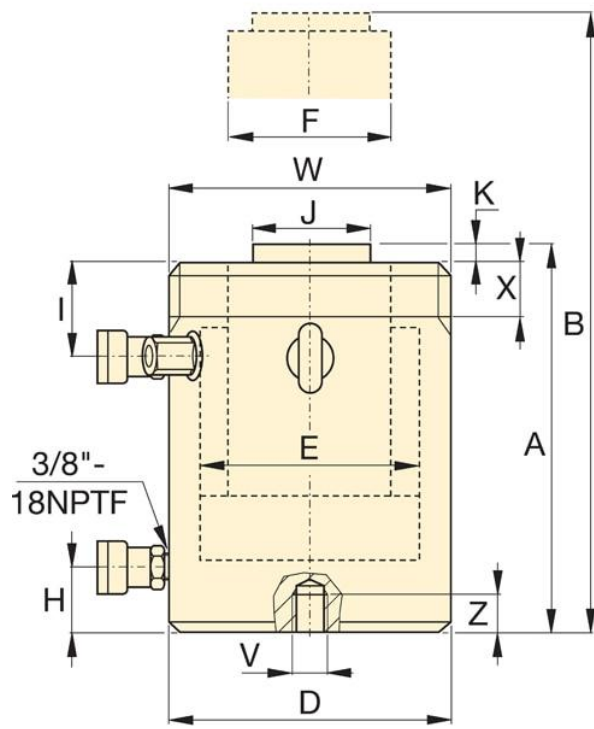


Specifications

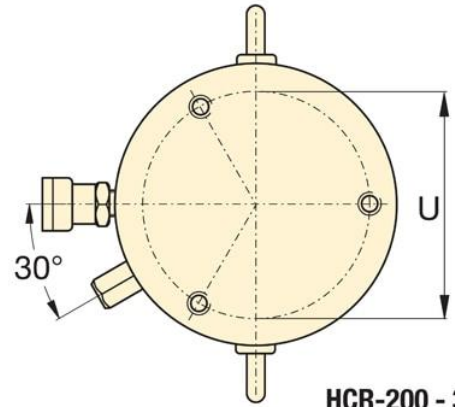
Units:	Imperial	Metric
Maximum Operating Pressure (psi)	10,150	
Capacity Class (tonnage)	100	
Maximum Cylinder Capacity Advance (tons)	113	
Stroke (in)	1.97	
Collapsed Height A (in)	7.95	
Extended Height B (in)	9.92	
Return Type	Double-Acting, Hydraulic Return	
Plunger Type	Solid	
Material	Steel	
Cylinder Effective Area Advance (in ²)	22.19	
Oil Capacity Advance (in ³)	43.67	
Oil Capacity Retract (in ³)	22.05	
Sideload Resistance of Maximum Capacity (percentage)	10%	
Surface Treatment	Nitride	
Coupler	CR400 Coupler	
Weight (lbs)	74	

Dimensions

Units:	Imperial	Metric
Collapsed Height A (in)	7.95	
Collapsed Height With Optional Tilt Saddle A1 (in)	8.35	
Optional Tilt Saddle Addition To Collapsed Height A1 (in)	0.39	
Optional Tilt Saddle Diameter J1 (in)	2.8	
Extended Height B (in)	9.92	
Outside Diameter D (in)	6.89	
Cylinder Bore Diameter E (in)	5.31	
Plunger Diameter F (in)	3.74	
Base to Advance Port H (in)	1.5	
Top to Retract Port (in)	2.56	
Saddle Diameter J1 (in)	2.95	
Saddle Protrusion from Plunger K (in)	0.12	
Saddle Maximum Tilt Angle Radius (degrees)	5	
Base Mounting Holes Thread V	M12 x 1,75	
Collar Thread Size W	M175 x 3	
Collar Thread Length X (in)	1.81	



HCR-50 - 150 ton



HCR-200 - 300 ton