

Specifications

Units:

Imperial

Metric

Maximum Operating Pressure (psi)	10,150
Capacity Class (tonnage)	500
Maximum Cylinder Capacity Advance (tons)	575
Stroke (in)	1.77
Collapsed Height A (in)	7.56
Extended Height B (in)	9.33
Return Type	Single-Acting, Load Return
Plunger Type	Solid
Material	Steel
Cylinder Effective Area Advance (in ²)	113.25
Oil Capacity Advance (in ³)	200.6
Sideload Resistance of Maximum Capacity (percentage)	5%
Surface Treatment	Nitride
Coupler	CR400 Coupler
Weight (lbs)	404

Dimensions

Units:

Imperial

Metric

Collapsed Height A (in)	7.56
Extended Height B (in)	9.33
Outside Diameter D (in)	15.75
Cylinder Bore Diameter E (in)	12.01
Base to Advance Port H (in)	1.91
Saddle Diameter J1 (in)	11.42
Saddle Protrusion from Plunger K (in)	0.39
Saddle Maximum Tilt Angle Radius (degrees)	3°
Lock Nut Height S (in)	2.42

