

Specifications

Units:

Imperial

Metric

Maximum Operating Pressure (psi)	10,150
Capacity Class (tonnage)	100
Maximum Cylinder Capacity Advance (tons)	113
Stroke (in)	3.94
Collapsed Height A (in)	9.92
Extended Height B (in)	13.86
Return Type	Single-Acting, Load Return
Plunger Type	Solid
Material	Steel
Cylinder Effective Area Advance (in ²)	22.19
Oil Capacity Advance (in ³)	87.35
Sideload Resistance of Maximum Capacity (percentage)	10%
Surface Treatment	Nitride
Coupler	CR400 Coupler
Weight (lbs)	88

Dimensions

Units:

Imperial

Metric

Collapsed Height A (in)	9.92
Collapsed Height With Optional Tilt Saddle A1 (in)	10.31
Optional Tilt Saddle Addition To Collapsed Height A1 (in)	0.39
Optional Tilt Saddle Diameter J1 (in)	2.8
Extended Height B (in)	13.86
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
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

