

## Specifications

Units:

**Imperial**

Metric

|                                                      |                                 |
|------------------------------------------------------|---------------------------------|
| Capacity Class (tonnage)                             | 150                             |
| Maximum Cylinder Capacity Advance (tons)             | 168                             |
| Collapsed Height A (in)                              | 17.6                            |
| Extended Height B (in)                               | 27.44                           |
| Return Type                                          | Double-Acting, Hydraulic Return |
| Plunger Type                                         | Solid                           |
| Material                                             | Steel                           |
| Cylinder Effective Area Advance (in <sup>2</sup> )   | 33.14                           |
| Oil Capacity Advance (in <sup>3</sup> )              | 326.21                          |
| Oil Capacity Retract (in <sup>3</sup> )              | 153.67                          |
| Sideload Resistance of Maximum Capacity (percentage) | 10%                             |
| Surface Treatment                                    | Nitride                         |
| Coupler                                              | CR400 Coupler                   |

## Dimensions

Units:

**Imperial**

Metric

|                                                           |            |
|-----------------------------------------------------------|------------|
| Collapsed Height A (in)                                   | 17.6       |
| Collapsed Height With Optional Tilt Saddle A1 (in)        | 18.35      |
| Optional Tilt Saddle Addition To Collapsed Height A1 (in) | 0.75       |
| Optional Tilt Saddle Diameter J1 (in)                     | 3.82       |
| Extended Height B (in)                                    | 27.44      |
| Outside Diameter D (in)                                   | 8.46       |
| Cylinder Bore Diameter E (in)                             | 6.5        |
| Plunger Diameter F (in)                                   | 4.72       |
| Base to Advance Port H (in)                               | 1.61       |
| Top to Retract Port (in)                                  | 3.54       |
| Saddle Diameter J1 (in)                                   | 3.7        |
| 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                                      | M215 x 3   |
| Collar Thread Length X (in)                               | 2.17       |

