

SPECIFICATIONS (1.50 [38.1] X STROKE 15.16 [385.1] - 3/4 LOCK TILT SYSTEM)  
 BORE DIAMETER: 1.50 [38.1] PUSH AREA: 1.77 SQ.IN. [1141.9 SQ.CM.]  
 ROD DIAMETER: 1.00 [25.4] PULL AREA: .98 SQ.IN. [632.3 SQ.CM.]

MAXIMUM WORKING PRESSURE: 5000 P.S.I. [345 BAR]

MINIMUM BURST PRESSURE: 11000 P.S.I. [759 BAR]

MAXIMUM ALLOWABLE HYDRAULIC PUSH LOAD: 8850 LB. [4015 KG]

MAXIMUM ALLOWABLE HYDRAULIC PULL LOAD: 4900 LB. [2220 KG]

MINIMUM ALLOWABLE OPERATING TEMPERATURE: -30°F [-35°C]

MAXIMUM ALLOWABLE OPERATING TEMPERATURE: +130°F [155°C]

CYLINDER PROOF LOAD - PULL: 8000 LB. [3629 KG]

(PIN TO PIN LOADING AT FULL CYLINDER EXTENSION)

CYLINDER GLAND PULLOUT LOAD CAPACITY (MIN): 19500 LB. [8845 KG]

CYLINDER TO BE PAINTED BLACK PER PP1199029

CYLINDER TO BE FILLED WITH MIL H5606 (OR EQUIVALENT) FLUID.

FLUID RECOMMENDATIONS:

FULL ALLOWABLE TEMPERATURE RANGE USE MIL H5606 OR EQUIVALENT FLUID

ATF (DEXTRON II) ACCEPTABLE FOR FOLLOWING TEMPERATURE RANGE:

HAND PUMP: -20°F [-29°C] TO +130°F [+55°C]

AIR PUMP: +10°F [-12°C] TO +130°F [+55°C]

(FOR PUMP SPECIFICATION REFER TO ID 2683 AND ID 2684)

.125- 27 NPTF  
RETRACTION PORT  
(SUPPLY)

.125- 27 NPTF  
EXTENSION PORT  
(TO FOLLOWER CYLINDER)

1.50  
[38.1]

.125- 27 NPTF  
EXTENSION PORT  
(TO FOLLOWER CYLINDER)

1.91  
[48.5]

1.90  
[48.3]

2.62  
[66.5]

1.00  
[25.4]

3.30  
[83.8]

.125- 27 NPTF  
EXTENSION PORT  
(SUPPLY)

24.37 [619.0] RETRACTED  
15.16 [385.1] STROKE  
38.66 [982.0] EXTENDED

1.75  
[44.5]

1.90  
[48.3]

2.62  
[66.5]

2.62  
[66.5]

3.30  
[83.8]

3.30  
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24.37 [619.0] RETRACTED  
15.16 [385.1] STROKE  
38.66 [982.0] EXTENDED

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