INSTALLATION DRAWING

Basic Pump Without Controls - Side Ported

NOTES:

1. PUMPS DESIGNED FOR ONE-WAY SERVICE AND ARE DIMENSIONED AS SHOWN.
2. THESE UNITS ARE DESIGNED TO RUN CASE FULL OF FLUID AT ALL TIMES. FILL CASE BEFORE STARTING AND CONNECT DRAIN LINES ACCORDINGLY.
3. NUMERICAL DIMENSIONS GIVEN IN INCHES [MM].
4. NET WEIGHT - 55 LBS [25 KG].

OPTIONAL SAE "B" SPROCKET SHAFT
(SAE "01/2" [4-25T])

SAE INVOLUTE SPLINE
13 TEETH, 14/32 PITCH

1.386 + 0.005
(35.014 + 0.12)

OPTIONAL SAE "C" KEYED SHAFT
(SAE "03/4" [6-32T])

SAE KEYED SHAFT
ø1.250 - 0.002 (31.75 - 0.05)
W/ .3127 (7.92) SQ. KEY

OPTIONAL SAE "B" SPROCKET SHAFT
(SAE "01/2" [4-25T])

SAE INVOLUTE SPLINE
19 TEETH, 14/32 PITCH

.918 + 0.005
(23.27 + 0.12)

PORT A (TOP OF PUMP)
SUCTION PORT, 2.000 SAE FLANGE PATTERN PER CODE 61

PORT A (UPPER)
PRESSURE PORT FOR RIGHT HAND (CCW) ROTATION. 1.250 SAE FLANGE PATTERN PER CODE 62

PORT B (LOWE) SUCTION PORT FOR LEFT HAND (CCW) ROTATION. 2.000 SAE FLANGE PATTERN PER CODE 61

PORT G, PUMP PRESSURE TEST PORT.

#4 SAE STR THD PORT
438-20 UNF-2B THD (PLUGGED - PAR SIDE)

PORT 1 (CASE DRAIN)
#16 SAE STR THD PORT
1.312-12 UNF-2B THD

PORT B (BOTTOM OF PUMP)
PRESSURE PORT, 1.250 SAE FLANGE PATTERN PER CODE 62

PORT 1A (ALT. CASE DRAIN)
#16 SAE STR THD PORT
1.312-12 UNF-2B THD

SAE "B" FACE" MTG. PATTERN
(SAE "01/2" [4-25T])

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