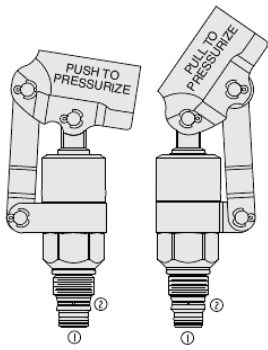




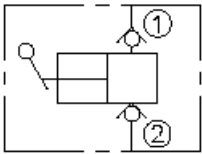
Overview

Description

The hp10-21a is a push to pressurize hand pump with two built in checks. It is a screw in, cartridge type hand pump for use with general purpose hydraulic oils. The hand pump beam rotates around the vertical axis for 360° handle positioning. The hand pump CAN be used as an emergency device at electrical power failures.



Symbol



Ratings

Pressure Ratings

Pressure rating	207 bar (3000 psi)	
Suction pressure	193 mm-Hg (7.6 in-Hg)	- Note: Less than atmospheric pressure

Flow Ratings

Maximum internal leakage	0.25 ml/min (5 drops/min) Maximum at 207 bar (3000 psi)	- Note: From port 2 to the inside of the pump.
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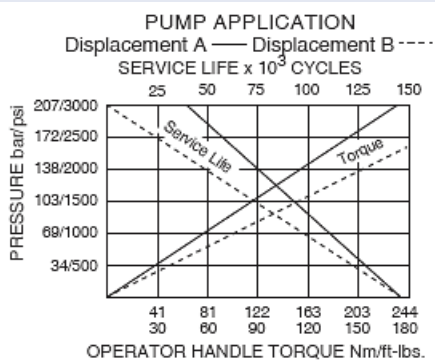
Temperature Ratings

Operating fluid temperature	-40 to 120 °C (-40 to 248 °F)
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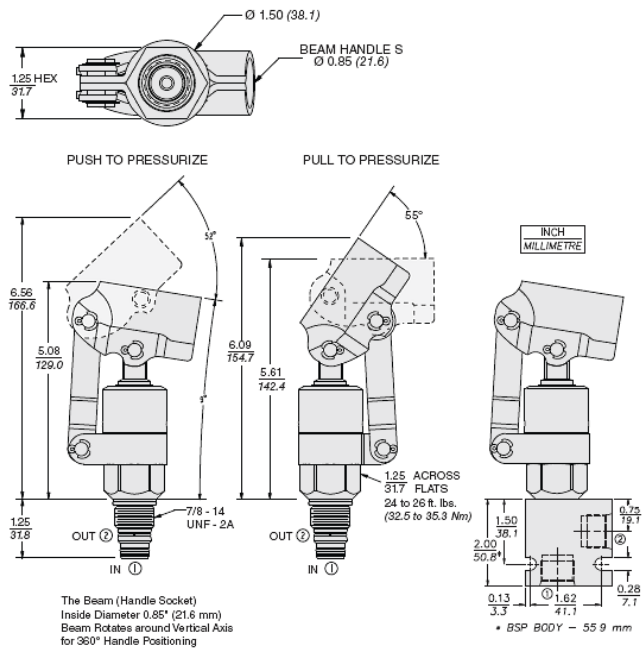
Properties

Displacement	7.4 ml (0.45 in ³)	- Note: Per stroke
Unit weight	0.86 kg (1.9 lb) 0.18 kg (0.4 lb)	- Note: Pump cartridge - Note: Body

Performance



Dimensions



Installation Specifications

Maximum allowable torque 67.8 N-m (50 ft-lb)

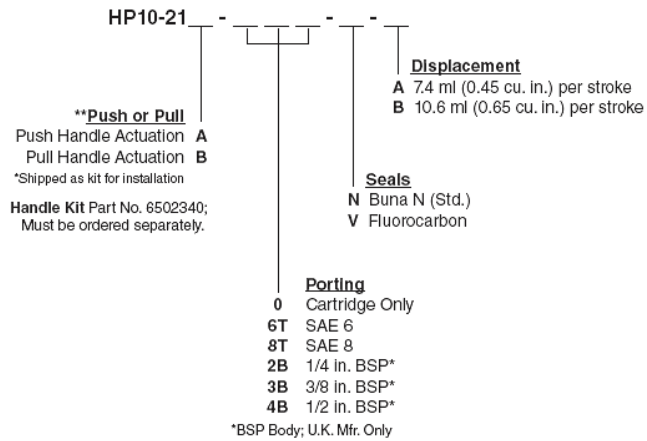
Accessories

Accessories 40 cm (16 in) long handle with plastic grip (p/n: 6502340)

Seal kit SK10-2N-T



Order Code



Model Options

HP10-21F-H-J-R

F Actuation Option

CODE	DESCRIPTION
A	Push to Pressurize
B	Pull to Pressurize

H Line Body

CODE	DESCRIPTION
0	No Body
6T	Aluminum SAE 6
8T	Aluminum SAE 8
6TD	Ductile Iron SAE 6
8TD	Ductile Iron SAE 8
2B	Aluminum BSPP 1/4" (2)
3B	Aluminum BSPP 3/8" (3)
4B	Aluminum BSPP 1/2" (4)
4BD	Ductile Iron BSPP 1/2" (4)

J Seal

CODE	DESCRIPTION
N	Buna-N
V	Fluorocarbon
P	Polyurethane
U	PPDI Urethane

R Displacement Option

CODE	DESCRIPTION
A	0.45 in3 (7.4 ml) per Stroke
B	0.65 in3 (10.6 ml) per Stroke