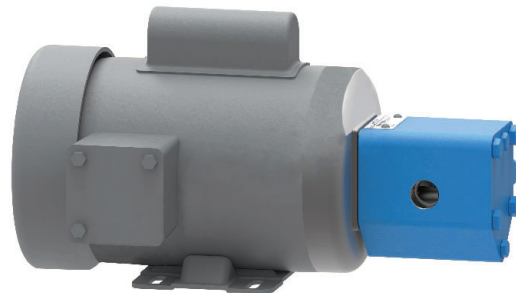


JOCKEY PUMP

NPR280

- System Static Pressure Supply Device For Foam Systems
- Compatible With Foam Concentrates
- Compact Design
- 2 GPM @ 200 PSI
- Positive Displacement



Description

The Foam Concentrate Jockey pump is used in In-Line Balanced Pressure (ILBP) Proportioning Systems to maintain pressure on the foam concentrate discharge line that supply remotely mounted ILBP modules. The pump is designed to maintain the foam concentrate pressure within preset limits and at the same time maintain foam concentrate volume in the supply piping. The jockey pump provides compliance with NFPA to insure the integrity of the foam concentrate piping with regard to piping installed underground or piping above ground exceeding 50 feet.

Features

- Compact design provides a small foot print

Applications

- In-Line Balanced Pressure (ILBP) Proportioning Systems

- Any application requiring long foam concentrate lines between the main foam concentrate pump and the proportioning device

Specifications

Jockey pump shall be a positive displacement, spur gear type, foam concentrate pump with capacity for 2 GPM (foam concentrate) @ 200 PSI. Head, casing & separation plates shall be fabricated from cast iron or equal with precision ground heat treated spur gears and case hardened steel shafts with Viton lip seals. Viton O-rings shall be provided between all pump sections to insure positive sealing. The suction and return connections shall be 1/2" FNPT. Pump shall be supplied complete with either a ODP or TEFC motor, direct coupled with a "C" flange bracket and flexible coupling. Motor shall be 1 HP, 3/60/208-230-460V, 1725 RPM, 143TC frame, rated at 40° C. ambient with a 1.15 service factor. A separate,

1/2" X 3/4" cast bronze relief valve shall be supplied with pump. It shall have lapped seats for optimum performance, and ball bearing pivot between disc & spring to correct for misalignment and compensate for spring side thrust. Valve shall be specifically designed for use in liquid service and shall be set to relieve at 225 PSI. Pump motor shall be sized with sufficient horsepower to allow operation with relief valve full open without overloading the motor.

Technical Data

Materials of Construction:

Pump

Head	Cast iron or equal
Casing	Cast iron or equal
Separation Plate	Cast iron or equal
Spur Gears	Precision ground heat treated
Shafts	Case hardened steel
Lip Seals	Viton
O-Rings	Viton

Motor:

1HP, ODP, 3/60/208-230-460V, 1725 RPM motor with 40°C ambient, Class F insulation, 1.15 SF and 143TC frame

Relief Valve:

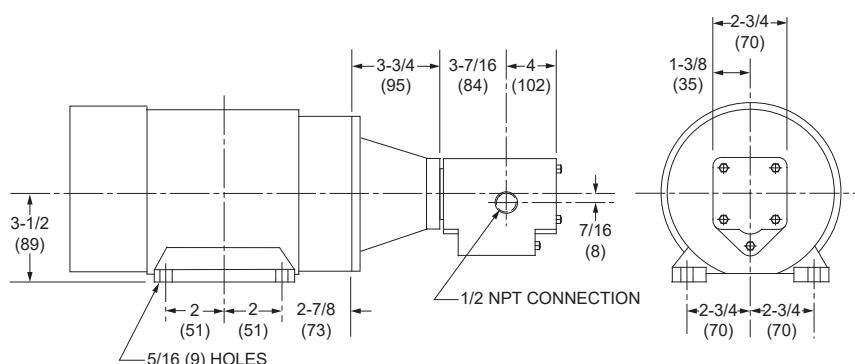
Bronze body, bronze/brass

Working Pressure:..... 200 PSI (13.8 bars)

Finish:..... Manufacturers standard finish

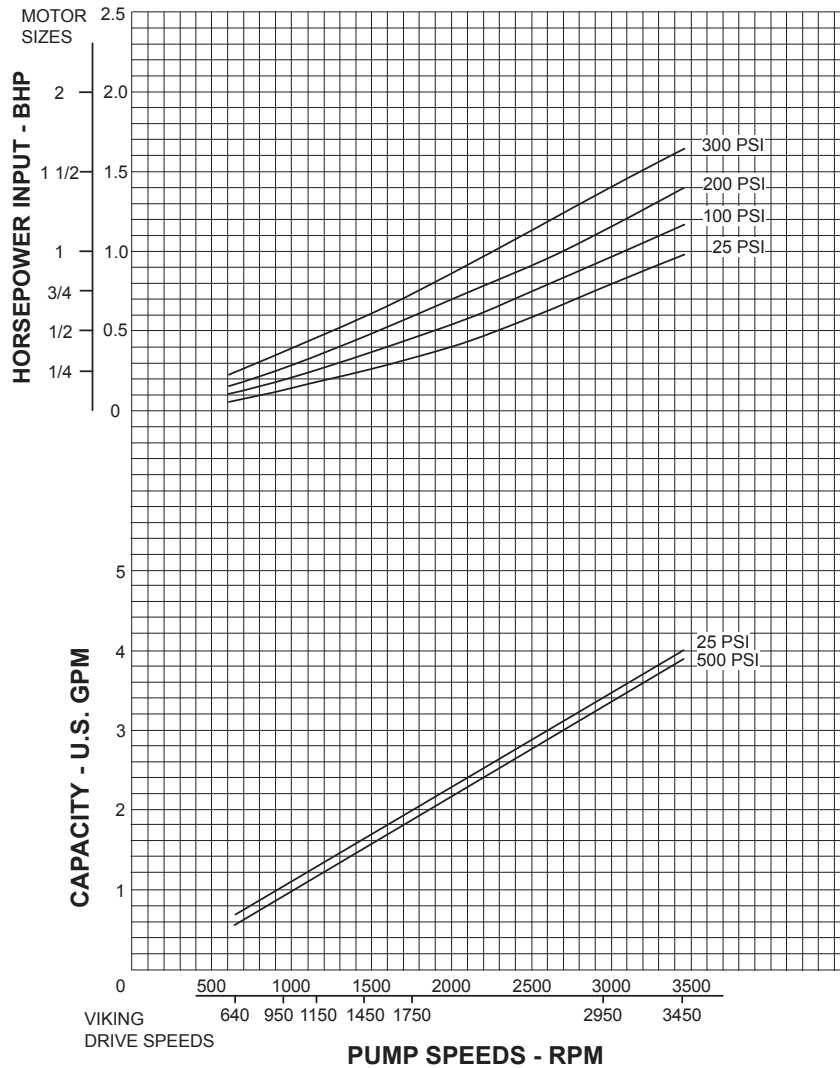
Options

- Higher working pressures
- Different pump materials
- Other types of motor enclosures
- Other voltages



JOCKEY PUMP

NPR280



ORDERING INFORMATION

Part Number	Description	Flow Range	Weight	
			Lbs	Kg
1221-1290-1	2GPM @ 200 PSI Jockey Pump w/ ODP Motor	3/60/208,230-460V	52	23.6
1221-1290-2	2GPM @ 200 PSI Jockey Pump w/ TEFC Motor	3/60/208,230-460V	52	23.6
1231-1304-6	½" X ¾" Brass Relief Valve		5	2.3