

J4PB B1000G-1 - Specifications

General

Mounting	Flange mounting
Connection threads	
Inlet port (2 ports possible)	1/4 NPTF
Return port	1/4 NPTF
Nozzle outlet	1/8 NPTF
Pressure gauge port	Use other inlet port
Bleeder valve port	1/8 NPSF
External pressure regulator needed	No
Cut-off	Yes, hydraulic only
Strainer rating	Unlimited
Shaft diameter	7/16 in
By-pass plug	Not inserted in return port, for one pipe system. To be inserted in return port with a 5/32 Allen key for two-pipe system

Hydraulic Data

Nozzle pressure range	100-200 psi
Factory pressure setting	100 psi
Rated nozzle flow	22 GPH @ 100 psi, 1725 rpm (#2 fuel oil), 54 GPH @ 100 psi, 3450 rpm (#2 fuel oil).
Oil temperature	50 - 115 F
Inlet/return pressure	10 psi max
Suction height	Single pipe : 6" Hg max. vacuum, two-pipe : 13.5" Hg max. vacuum, to prevent air separation from oil
Motor Speed	1725 rpm or 3450 rpm