



Pressure reducing/relieving assembly, with reverse flow check

CAPACITY: 20 gpm

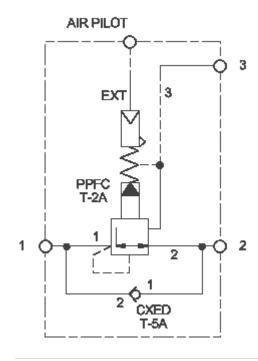


sunhydraulics.com/model/YPEJ

This assembly consists of a pilot-operated pressure reducing/relieving valve which reduces a high primary pressure at the inlet (port 2) to a constant reduced pressure at port 1, with a full-flow relief function from port 1 to tank (port 3). A reverse flow check allows free flow from port 1 to port 2. The air signal is supplied through a port in the hex-end of the cartridge and the hydraulic setting is directly proportional to the air setting at a ratio of 20:1 (hydraulic:air).

TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Body Type	Line mount
Mounting Hole Diameter	.28 in.
Mounting Hole Quantity	2



NOTES: • The external 1/4 NPTF pilot port is part of the pressure reducing / relieving cartridge.

- For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.
- *Important:* Carefully consider the maximum system pressure. The pressure rating of the manifold is dependent on the manifold material, with the port type/size a secondary consideration. Manifolds constructed of aluminum are not rated for pressures higher than 3000 psi (210 bar), regardless of the port type/size specified.

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CONFIGURATION OPTIONS

Model Code Example: YPEJABNAK

CONTROL (A) OPERATING RANGE (B) SEAL MATERIAL (N)

External 1/4 NPTF Port B 50 - 1500 psi (3,5 - 105 bar) N Buna-N

Viton

PRIMARY CARTRIDGE (A)

A (with PPFC primary cartridge, Air-controlled, pilot-operated, pressure reducing/relieving valve)

INCLUDED COMPONENTS

Part	Description	Quantity
CXEDXCN	Cartridge	1
PPFCABN	Cartridge - Primary	1

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