



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
Capacity	20 gpm
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.

OPTION SELECTION EXAMPLE: YPEJABNAK

CONTROL	(A) OPERATING RANGE	(B) SEAL MATERIAL	(N)
A External 1/4 NPTF Port	B 50 - 1500 psi (3,5 - 105 bar)	N Buna-N	
		V Viton	

PRIMARY CARTRIDGE	(A)
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

TECHNICAL FEATURES

- Pilot operated valves exhibit exceptionally flat pressure/flow characteristics, are very stable and have low hysteresis.