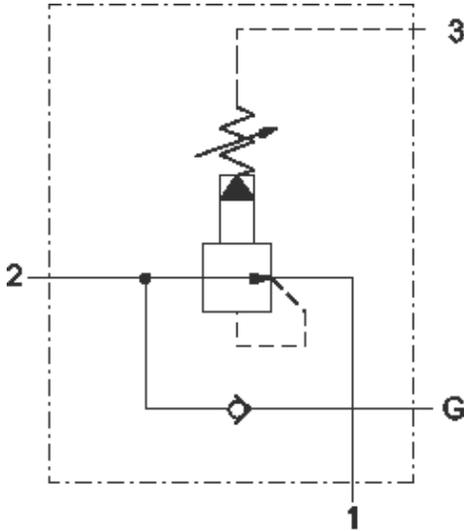




sunhydraulics.com/model/YPEL



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.

TECHNICAL DATA

Capacity	20 gpm	NOTE: DATA MAY VARY BY
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CONFIGURATION

NOTES:

- 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.
- Standard Screw Adjustment
- For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.

A Adjustment Range	200 psi (14 bar) Standard Setting
N Seal Material	Buna-N
Range Letter(s) of Subordinate Cartridge	
Port and Material Designation	

CONFIGURATION. SEE CONFIGURATION SECTION.

OPTION SELECTION EXAMPLE: YPELLANWNN

CONTROL	(L) ADJUSTMENT RANGE	(A) SEAL MATERIAL	(N)
L Standard Screw Adjustment	A 100 - 3000 psi (7 - 210 bar), 200 psi (14 bar) Standard Setting	N Buna-N	
	B 50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar) Standard Setting	V Viton	
	D 25 - 800 psi (1,7 - 55 bar), 200 psi (14 bar) Standard Setting		
	N 60 - 800 psi (4 - 55 bar), 200 psi (14 bar) Standard Setting		
	W 150 - 4500 psi (10,5 - 315 bar), 200 psi (14 bar) Standard Setting		

PRIMARY CARTRIDGE	(A)
A 4 psi (0,3 bar) (with PPF8 primary cartridge, Pilot-operated, pressure reducing/relieving valve)	
B 15 psi (1 bar) (with PPF8 primary cartridge, Pilot-operated, pressure reducing/relieving valve)	
C 30 psi (2 bar) (with PPF8 primary cartridge, Pilot-operated, pressure reducing/relieving valve)	
D 50 psi (3,5 bar) (with PPF8 primary cartridge, Pilot-operated, pressure reducing/relieving valve)	
E 75 psi (5 bar) (with PPF8 primary cartridge, Pilot-operated, pressure reducing/relieving valve)	
F 100 psi (7 bar) (with PPF8 primary cartridge, Pilot-operated, pressure reducing/relieving valve)	
Z 1 psi (0,07 bar) (with PPF8 primary cartridge, Pilot-operated, pressure reducing/relieving valve)	
F 100 psi (7 bar) (with PPF8 primary cartridge, Pilot-operated, pressure reducing/relieving main stage with integral T-8A control cavity)	
E 75 psi (5 bar) (with PPF8 primary cartridge, Pilot-operated, pressure reducing/relieving main stage with integral T-8A control cavity)	
D 50 psi (3,5 bar) (with PPF8 primary cartridge, Pilot-operated, pressure reducing/relieving main stage with integral T-8A control cavity)	
C 30 psi (2 bar) (with PPF8 primary cartridge, Pilot-operated, pressure reducing/relieving main stage with integral T-8A control cavity)	
B 15 psi (1 bar) (with PPF8 primary cartridge, Pilot-operated, pressure reducing/relieving main stage with integral T-8A control cavity)	
A 4 psi (0,3 bar) (with PPF8 primary cartridge, Pilot-operated, pressure reducing/relieving main stage with integral T-8A control cavity)	
Z 1 psi (0,07 bar) (with PPF8 primary cartridge, Pilot-operated, pressure reducing/relieving main stage with integral T-8A control cavity)	