



Model 160

Pressure Reducing Pilot (Normally Open Pilot)

Specifications:

- The pilot shall be Singer Model 160, with the spring range specified.
- The normally open pilot shall be of bronze construction with a spring to adjust the pressure setting.
- The pilot seat, stem and inner valve shall be of stainless steel 316 construction and the inner valve shall have EPDM resilient compound for seating. The EPDM compound must be bonded permanently to the inner valve and be ground flat and square to assure maximum performance.
- The pilot guide stem shall be guided by a Delrin bushing in the spring casing above the diaphragm and totally removed from the flow of water in the main pilot chamber. The pilot guide and stem location above the diaphragm shall eliminate debris buildup and sticking as well as minimize turbulence and false readings on the diaphragm.
- The pilot shall be self-cleaning and self-flushing by locating the outlet in the bottom of the pilot ninety degrees to the inlet.
- Maximum Working Temperature: 180 degree F (82 degree C)
- Maximum Working Pressure: 400 psi (27 bar)

		Approximate PSI per Turn
• Spring Ranges: Standard:	20 to 200 psi (1.37 to 13.7 bar)	32 PSI (2.2 bar) per Turn
Optional:	2 to 50 psi (.137to 3.44 bar)	9 PSI (.62 bar) per Turn
	10 to 80 psi (.69 to 5.5 bar)	14 PSI (.96 bar) per Turn
	100 to 300 psi (6.9 to 20.9 bar)	42 PSI (2.9 bar) per Turn