

MODEL 160 PRESSURE REDUCING PILOT (NORMALLY OPEN)

PRODUCT OVERVIEW

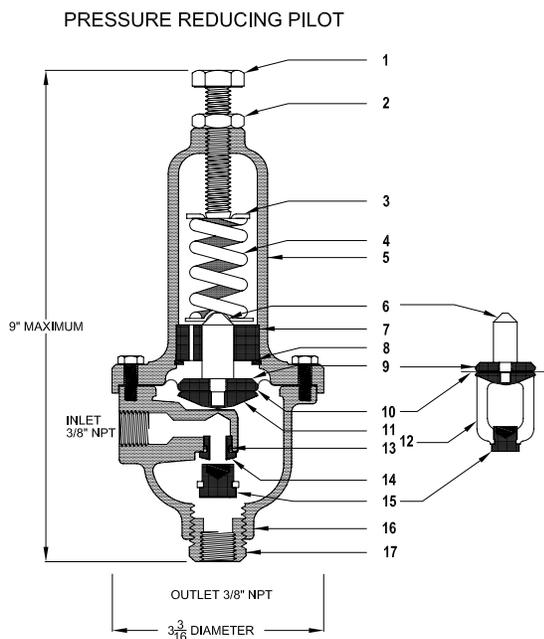
The 160 Pressure Reducing Pilot is a spring and diaphragm operated, normally open pilot. The inner valve is held open by the spring and when the control pressure below the diaphragm exceeds the force of the spring, the pilot valve closes.

Model 160 is the standard pressure reducing pilot on all 106 and 206 series valves.



ORDERING INSTRUCTIONS

Refer to page 244 for the order form and ordering instructions.



SCHEMATIC A0708E

1. Adjusting Screw (Stainless Steel)
2. Locknut (Stainless Steel)
3. Spring Step (Stainless Steel)
4. Spring (Steel)
5. Spring Casing Stem (Bronze)
6. Stem (Stainless Steel)
7. Guide Bushing (Delrin)
8. Retaining Ring (Stainless Steel)
9. Clamp Plate Seal (Brass)
10. Diaphragm (EPDM)
12. Yoke (Stainless Steel)
13. Seat Ring Seal (Buna-N)
14. Seat Ring (Stainless Steel)
15. Inner Valve (Stainless Steel and EPDM)
16. Body (Bronze)
17. Outlet Connector (Brass)

Available in all Stainless Steel construction.
Viton or Buna-N Elastomers

	Spring Ranges	Approximate psi per turn
Standard	20 to 200 psi (1.38 to 13.8 bar)	30 psi (2 bar) per turn
Optional	5 to 50 psi (0.345 to 3.45 bar)	9 psi (0.62 bar) per turn
	10 to 80 psi (0.7 to 5.5 bar)	14 psi (0.96 bar) per turn
	100 to 300 psi (6.9 to 20.7 bar)	42 psi (2.9 bar) per turn