1. The rate of flow control pilot shall be a Singer Model 160-RF normally open pilot with a spring to adjust the differential pressure setting. The pilot shall be self-cleaning and self-flushing with the outlet of the pilot located at the bottom of the pilot flow with the pilot stem and guide free from any debris build-up.
2. The pilot trim, consisting of a seat ring, stem and yoke shall be constructed of AISI 316 stainless steel.
3. The pilot elastomers: diaphragm, inner valve and seals, shall be of EPDM or Buna-N.
4. The adjustable pilot spring range shall be supplied with a spring range of *specify range (2 to 20psid or 25-50psid)*. The pilot shall be factory preset at *specify setpoint* psid to provide a maximum flow rate setpoint of *specify USGPM (L/s)*.
5. The pilot body and spring casing shall be constructed of *specify material (ASTM B62 bronze or ASTM A351 CF8M stainless steel)*.