**KEY EXPLANATION:**
- 5. Teflon Seal
- 6. Filter, 10 Micron, Sintered Bronze
- 7. Spanner Hole & Vent to Atmosphere
- 8. Filter Retainer
- 9. Stainless Steel Spring
- 10. Piston Guide Ring, UnMachined
- 11. O-Ring, Buna-N
- 12. O-Ring, Buna-N
- 13. Bonnet Face Spanner Holes (2)
- 14. Pilot Port, 1/8 NPT
- 15. Bonnet
- 16. Actuator Cylinder
- 17. Actuator Piston
- 18. Spring Retaining System
- 19. Teflon Seal
- 20. Spanner Hole & Vent to Atmosphere
- 21. Retaining Ring, Spool Cage Assembly
- 22. O-Ring, Buna-N
- 23. Spool Cage, Heat Treated Stainless, Honed
- 24. Teflon Back Up Ring (2)
- 25. O-Ring, Buna-N
- 26. Teflon Back Up Ring (2)
- 27. O-Ring, Buna-N
- 28. Booster Spring on 54H6— & 54H7— Models only.

**PILOT RATIO NOTES:**
To calculate the correct pilot ratio valve to order follow these steps:
1. Determine the Maximum possible system pressure. Multiply X 1.1 = System
2. Determine Minimum possible pilot pressure. Multiply X .9 = Pilot
3. Divide System by Pilot to get pilot to system ratio
4. Round up to standard available ratio.

**Cavity & Housing**
Cavity & Tooling C-8543 (10-3):
- See Spec. Sheet 1200634
- See Spec. Sheet 1200673 & 1201903
- See Spec. Sheets 1202983 and 1202990
- See Spec. Sheets found at www.doering.com

**Doering Company also manufactures**
- multi function and multi station CAVITIES, HOUSINGS & MANIFOLDS.
- Please call for assistance.

**SPECIFICATIONS:**
- CARTRIDGE VALVE
- 4. Round up to standard available ratio.

**PRESSURE DROP CHART**

**3PS SERIES**
3 Way Spool Valve, Pilot Operated.
Directional Control or Selector Valve.