

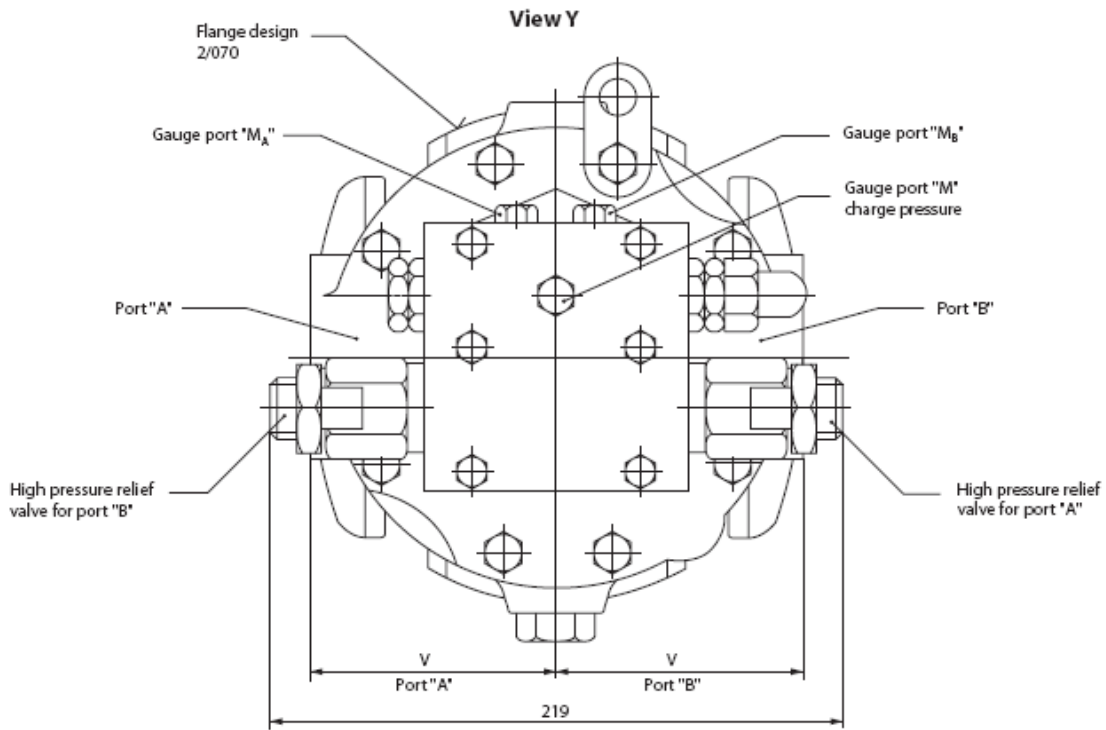
# Hydraulic Pressure Testing

Pressures should be roughly:

- 5000 PSI Up
- 2000 PSI Down (Back to Machine)
- 300 PSI Case Drain Charge

Temperature should be 120 – 150 after 1 hour of running

Head RPM speed 1550 to 1650 RPM



\* Shaft spline data: spline shaft with involute spline, according to SAE handbook, 1963, class 1, fillet root side fit.

Frame size	Port A and B	Port L <sub>1</sub> and L <sub>2</sub>	Port M <sub>A</sub> and M <sub>B</sub>	Port M
070	SAE flange, size 1			
089	SAE split flange boss 5000 psi 4 threads 3/8-16 UNC-2B 18 deep	7/8-14 UNF-2B SAE straight thread O-ring boss	7/16-20 UNF-2B SAE straight thread O-ring boss	