

Performance Area	AS/NZS 2638 Clause(s) (use multiple lines if necessary)	NZS/BS 5163 Clause(s) (use multiple lines if necessary)	Notes, comments
Operating Torque Test torque for valve without gearbox	Clause 5.1.5/ Table 5.1 DN 450 DN 600 Min. Strength Test Torque 1800Nm 2400Nm Max. Functional Test Torque 600Nm 800Nm	Clause 18.3/ Table 9 DN 450 DN 600 Min. Strength Test Torque 2500Nm 3200Nm Max. Functional Test Torque 600Nm 800Nm	BS 5163 Type B Valve specified much higher operating torque (more than 30%)
Internal Pressure Body test	Clause 5.2.2/ Table 5.4 Body/shell test pressure of 24 bars for a minimum time of 2 minutes No leakage allow	Clause 19.1/ Table 10 Body/shell test pressure of 1.5 times the max. permissible working pressure for 2 minutes No leakage allow	SAME
Gate Leakage Valve seat test	Clause 5.2.3 Tested in closed position, test pressure of 16 bars for seat testing for min. of 2 minutes No leakage allow	Clause 19.1 Tested in closed position, test pressure of 1.1 times the max. permissible working pressure for seat test for 2 minutes	SIMILAR
Corrosion resistance Working	Clause 5.2.4 Polymeric coating shall be in accordance with AS/NZ 4158	NOT SPECIFIED	All Pipemate valve is coated with Jotun Corrocoat FBE which complied to AS/NZ 4158 & AS/NZ4020