

Shutdown valves

Type 1175 Master shutdown valve Type 1175 is a pilot-operated, three port, two position poppet valves with a spring-return action.

Manufactured from materials complying with NACE Standard MR-01-75 (latest revision as applicable), the valve can be used in many oil field and gas field applications. The piston-type pilot section of the valve is equally versatile, responding to a wide range of pilot supply pressures and any one of a variety of pneumatic or hydraulic operating media.

With the valve unoperated, Port 3 is connected to Port 5, while Port 4 is isolated. Pilot pressure, applied above the piston, displaces the valve stem, interconnecting Ports 3 and 4 and isolating Port 5. Low friction fluid seals are used for all dynamic sealing so that the valve can be connected for either normally-open or normally-closed operation.

Operating parameters

Working pressure	690 bar (10,000 psi) max.
Pilot pressure	200 to 690 bar (2,900 to 10,000 psi).
Flow rate, nominal	27 litres/min (6 imp galls/min).
Operating media – valve	Mineral oils, water, water-glycol mixtures.
Operating media – pilot	Mineral oils, water, water-glycol mixtures.
Working temperature	-20°C to + 130°C.
Recommended filtration	10 micron



This valve conforms to Directive 94/9/EC relating to equipment intended for use in potentially explosive atmospheres and is ATEX (ATmosphere EXplosible) certified.



Marshalsea Hydraulics has been assessed by SGS Société Générale de Surveillance SA and certified as meeting the requirements of ISO 9001:2000 for the design, development, manufacture and servicing of hydraulic pumps, relief valves and intensifiers.

