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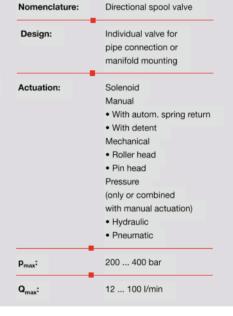
Directional spool valves



Directional spool valves type SG and SP

The directional spool valves type SG and SP are available either for pipe connection (type SG) or manifold mounting (type SP). An optional pressure limiting valve can be ordered only for type SG size 0 to 3. They are widely used to control the direction of movement of hydraulic consumers e.g. motors or cylinders.

The sturdy design and a wide range of different actuations enable utilization of these valves in many applications such as mobile hydraulics or on ships.





Basic types and general parameters

Basic type and size		Flow	Oper. pressure p _{max} (bar) with actuation					Tapped
Individual valve for pipe connection	Manifold mounting valve	Q _{max} (I/min)	solenoid	manual	mechanical	pressure	manual/ pressure	ports ¹)
SG 0		12	200	400	T 400	400	400	G 1/4 / G 3/8
SG 1	SP 1	20	200	400	400	400	400	G 3/8
SG 2		30	315	400	400	400	400	G 3/8
SG 3	SP 3	50	315	400	400	400	400	G 1/2
SG 5		100	200	400	315	400	400	G 1

1) with type SG

Additional versions

- Integrated pressure limiting valve with type SG
- Directional spool valve with enlarged ports and control grooves for delayed de-pressurization (preventing pressure surges)