

Coolant Valves

Coolant Valve SGC



- High flow type to control coolants (Cutting fluid) in machine tools
- Low power consumption: 0.35 W (at 24 VDC)
- Maximum operating pressure: 0.5 MPa, 1 MPa, 1.6 MPa
- Service life: 5 million cycles or more (Based on SMC's test conditions)
- CE-compliant
- Compatible with G threads (ISO1179-1) as standard
- Air operated, external pilot solenoid

Series	Valve type	Port size	Orifice diameter [mmø]
SGC	N.C./N.O.	3/8 to 2	9 to 51

High Pressure Coolant Valve SGH



- Maximum operating pressure: 3 MPa, 7 MPa
- Compatible with high-speed grinding and long drilling processes
- Coolant valve for high pressure coolant liquid that is ideal for lubrication, dust blowing, and cooling
- Low power consumption: 0.35 W (at 24 VDC)
- Service life: 3 million cycles or more (Based on SMC's test conditions)
- CE-compliant, Water hammer reduced by 20%
- Compatible with G threads (ISO1179-1) as standard
- Air operated, external pilot solenoid

Series	Valve type	Port size	Orifice diameter [mmø]
SGH	N.C./N.O.	3/8 to 1	9 to 25

Coolant Valve VNC



- For controlling coolants (Cutting fluid) used in machine tools
- Maximum operating pressure: 0.5 MPa, 1 MPa
- Air operated, external pilot solenoid

Series	Valve type	Port size	Orifice diameter [mmø]
VNC	N.C./N.O.	1/8 to 2 1 1/4B to 3B	7 to 80

High Pressure Coolant Valve VNH



- For controlling coolants (Cutting fluid) used in machine tools
- Maximum operating pressure: 3.5 MPa, 7 MPa
- Air operated, external pilot solenoid

Series	Valve type	Port size	Orifice diameter [mmø]
VNH	N.C.	3/8 to 1	3.9 to 15.7