

2.2 Directional seated valve type BVE

Directional seated valves are a type of directional valve. As cone valves they are tightly sealed without leakage in the closed state.

The directional seated valve type BVE is a screw-in valve. 2/2 and 3/2 directional seated valves are available. All connections can be subjected to the same pressures.

Optionally a version for highly viscous media (e.g. lubricating grease) is available.

Appropriate connection blocks make possible direct pipe connection or manifold mounting.

Features and benefits:

- Any flow direction
- No interaction between actuation elements and medium
- No resinification or sticking as a result of increased temperatures is possible.
- For highly viscous media (e.g. lubricating grease)

Intended applications:

- Lubrication systems
- Mining machinery
- Construction and construction material machinery
- Handling and mounting technology



Nomenclature:	Directional seated valve, zero leakage
Design:	Individual valve for pipe connection Individual valve for manifold mounting
Actuation:	Solenoid
P_{max}:	500 bar
Q_{max}:	300 l/min

Design and order coding example

BVE1	- R	-B1,0	- G 24	- 3/8	
					Port size or connection block
					Version
					▪ With threaded connection
					▪ For manifold mounting
					Solenoid voltages 12 V DC, 24 V DC, 110 V AC, 230 V AC
					Versions with
					▪ M12 plug and 8 watt solenoid
					▪ AMP, DEUTSCH plugs
					Additional elements ▪ Orifice in one port
					Function ▪ 2/2-way directional valve (R, S)
					▪ 3/2-way directional valve (Z)
Basic type, size	Type BVE, size 1, 3 and 5				

Actuations:

Solenoid

