

MV

SHUT-OFF VALVE for pressure measuring instruments acc. DIN 16270...16272

APPLICATION

Shut-off valves for pressure measuring instruments and throttling are available in brass, steel or stainless steel. They are suitable for liquids, gases and vapors and, depending on the material, can be used up to nominal pressures of PN 250/400 in a temperature range from -10 to +120 °C / -20 to +200 °C.

EXECUTION

- Shut-off valve without test connection per DIN 16270 (with vent screw)
- Shut-off valve with test connection per DIN 16271 (with vent screw)
- Shut-off valve with separate isolating test connection per DIN 16272

MATERIAL VALVE HOUSING

- Brass
- Steel (C22.8/P250GH)
- Stainless steel (316Ti, 1.4571)

MATERIAL HOUSING SEAL

- PTFE (stainless steel, brass)
- Graphite (Steel)

MATERIAL HAND WHEEL

- heat-resistant plastic, black



OPTIONS

- Oil and grease-free design (oxygen application)
- Acceptance test certificate per DIN 50049 / EN 10204 3.1
- Form B version with shaft for the mounting bracket
- Connection M20 x 1.5, ½ NPT

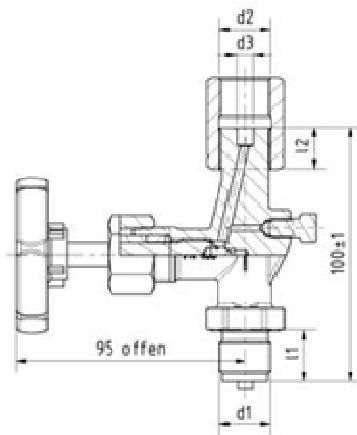
TYPE OVERVIEW

* also with test flange 60x25mm

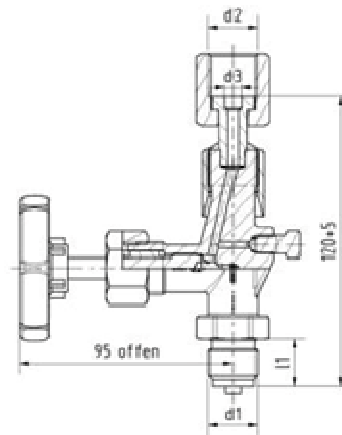
Execution	Process-Connection	PN	Measuring device-Connection	Material	Temperature range	
DIN 16270 without test connection	G1/4	125	LH-RH adjusting nut G1/4	brass	-10 ... +120°C	
	G1/2	250	G1/2	brass	-10 ... +120°C	
	G1/2	400	G1/2	Steel	-10 ... +120°C	
	G1/2	400	G1/2	1.4571	-20 ... +200°C	
DIN 16271 * with test connection M20x1,5	G1/2	250	LH-RH adjusting nut G1/2	brass	-10 ... +120°C	
	G1/2	400	G1/2	Steel	-10 ... +120°C	
	G1/2	400	G1/2	1.4571	-20 ... +200°C	
DIN 16272 * with test connection M20x1,5	G1/2	250	LH-RH adjusting nut G1/2	brass	-10 ... +120°C	
	G1/2	400	G1/2	Steel	-10 ... +120°C	
	G1/2	400	G1/2	1.4571	-20 ... +200°C	

DIMENSIONS

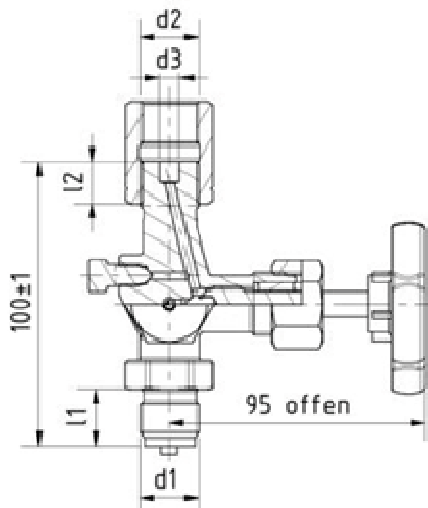
▪ DIN 16270 Form A



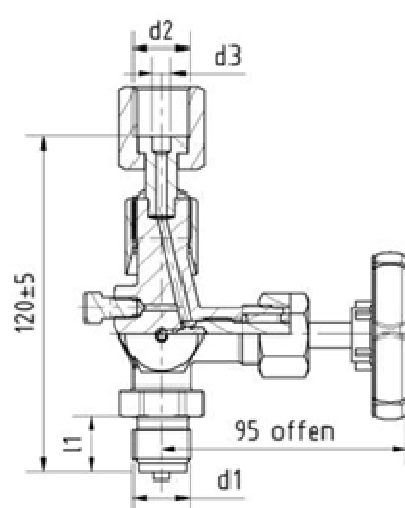
DIN 16270 Form B with shaft for the mounting bracket



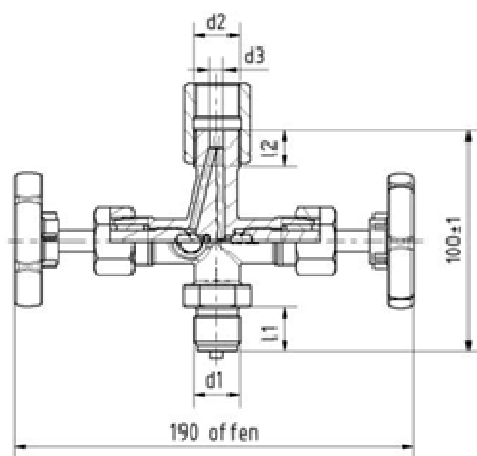
▪ DIN 16271 Form A



DIN 16271 Form B with shaft for the mounting bracket



▪ DIN 16272 Form A with separate isolating test connection



DIN 16272 Form B with shaft for the mounting bracket

