

MANOMETER GAUGE VALVES

Type MKV with thread connection or cutting ring

MKV

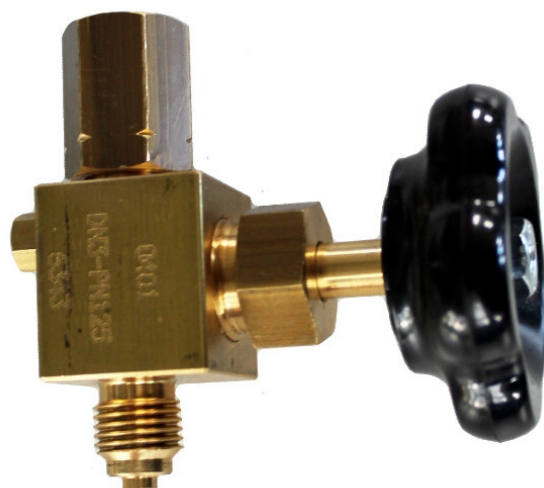
APPLICATION

Manometer gauge valves worked as a shut-off device for small pressure gauges, in particular nominal sizes NG 50, 63 or 80 mm, as well as for pipelines or impulse lines for pressure gauges in the tube dimensions of 6 to 12mm.

EXECUTION

- Manometer gauge valve, male thread x sleeve (for manometers)
- Manometer gauge valve with cutting ring both sides acc. DIN 2353 (for pipelines/ tubes)

GAUGE VALVES



TECHNICAL SPECIFICATIONS

1. Threaded connections

Material	Brass	Stainless steel	
Thread	G 1/4 - G 1/4 B	G 1/4 - G 1/4 B	
Connection	male thread - sleeve	male thread - sleeve	
Nominal pressure*	PN 100	PN 250	
Temperature range	-10 to + 120°C	-20 to + 200°C	
Installation length	55 mm	60 mm	
Height	60 mm	72 mm	

* The maximum pressure rating is dependent on the applied temperature.

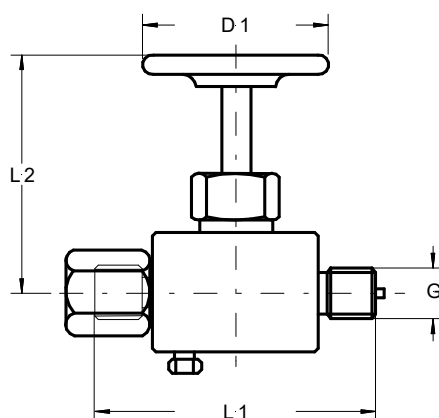
2. Cutting ring for pipelines

Material	Nominal pressure*	Temperature range	
Brass	PN 100	-10 to + 120°C	
Steel 9S20K	PN 200	-20 to + 200°C	
Stainless steel 1.4571	PN 200	-20 to + 200°C	

	Series L			Series S		
Tube diameter	Thread-Nut	Installation length	Height	Thread-Nut	Installation length	Height
6mm	M12 x 1,5	60 mm	70 mm	M14 x 1,5	60 mm	70 mm
8mm	M14 x 1,5	60 mm	70 mm	M16 x 1,5	60 mm	70 mm
10mm	M16 x 1,5	60 mm	70 mm	M18 x 1,5	60 mm	70 mm
12mm	M18 x 1,5	65 mm	70 mm	M20 x 1,5	65 mm	70 mm

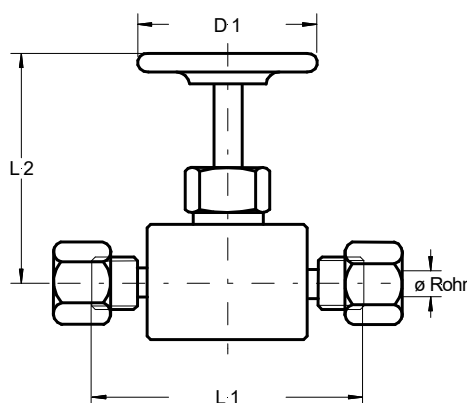
* The maximum pressure rating is dependent on the applied temperature.

DIMENSIONS



Item number *	Material	L1	L2	G	D1
MKV SP/ZA Ms	Brass	58	58	G 1/4"	50
MKV SP/ZA ST	Steel	63	72	G 1/4"	50
MKV SP/ZA VA	Stainless steel 1.4571	63	72	G 1/4"	50

* with male thread - sleeve



Item number *	Material	L1	L2	Ø tube	D1
MKV 6S Ms	Brass	60	58	6mm	50
MKV 8S Ms	Brass	60	58	8mm	50
MKV 10S Ms	Brass	60	58	10mm	50
MKV 6S VA	Stainless steel 1.4571	60	72	6mm	50
MKV 8S VA	Stainless steel 1.4571	60	72	8mm	50
MKV 10S VA	Stainless steel 1.4571	60	72	10mm	50

* with thread-Nut and cutting ring