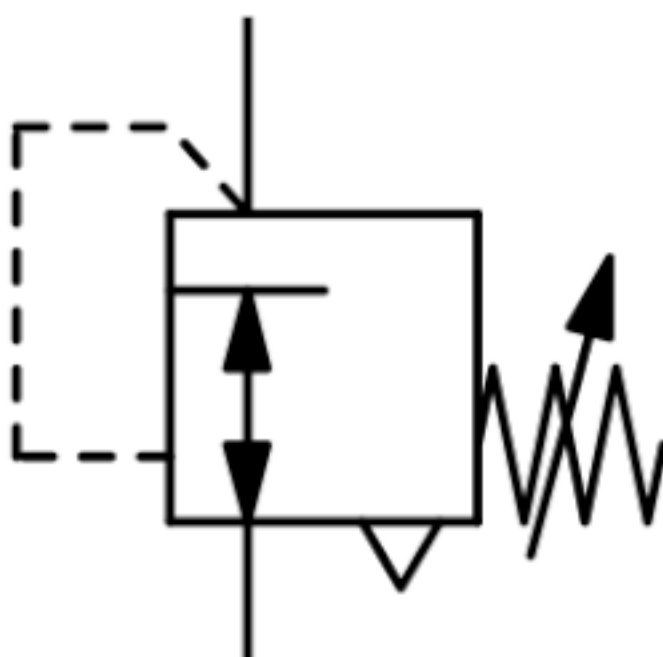


precision pressure regulator
serie PR60



Description	Diaphragm pressure regulator made of stainless steel in robust design. Pre-pressure compensated and independent of supply pressure fluctuation.		
Media	compressed air, gases or liquids		
Supply pressure	see chart, max. 20 bar		
Accuracy	setting accuracy: < 0.5% FS;	Repeatability: < 1.5% FS	
Air Consumption	without air consumption		
Adjustment	by adjusting screw, with lock nut		
Relieving function	relieving, optionally non-relieving		
Gauge port	G¼ on both sides of the body, one screw plug supplied		
Mounting position	any		
Temperature range	0 °C to 80 °C / 32 °F to 176 °F ,for appropriately conditioned compressed air down to -20 °C / -4 °F		
Material	Body: stainless steel 316L, W.-Nr. 1.4436	O-ring: FKM	Internal parts: stainless steel 302
	Diaphragm: NBR/Buna-N with PTFE coating		



G¼ to G½, FDA
gases or liquids

Dimensions			Flow rate		Connection thread	Pressure range
A	B	C	m³/h*1	l/min*1	G	bar
mm	mm	mm				

Precison pressure regulator						supply pressure max. 20 bar, relieving
109	160	39	144	2400	G¼	0.02 ... 1.5
						0.10 ... 3.0
						0.10 ... 8.0
109	160	39	144	2400	G¾	0.02 ... 1.5
						0.10 ... 3.0
						0.10 ... 8.0
109	160	39	144	2400	G½	0.02 ... 1.5
						0.03 ... 3.0
						0.05 ... 10

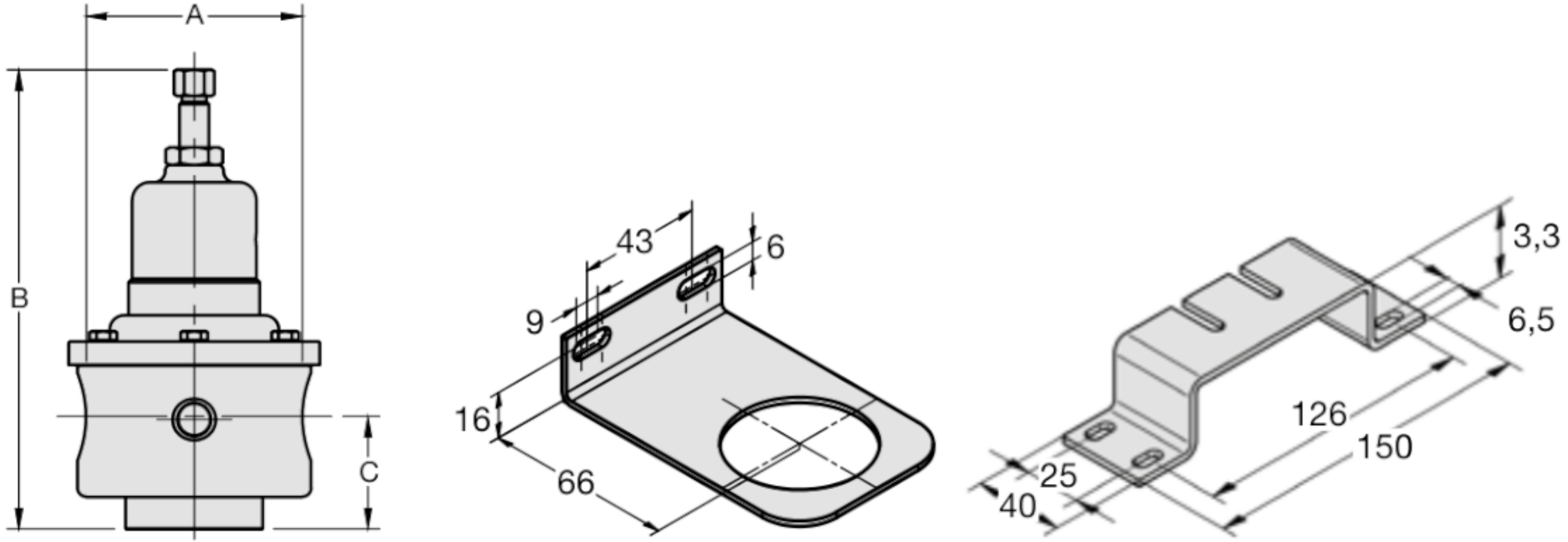


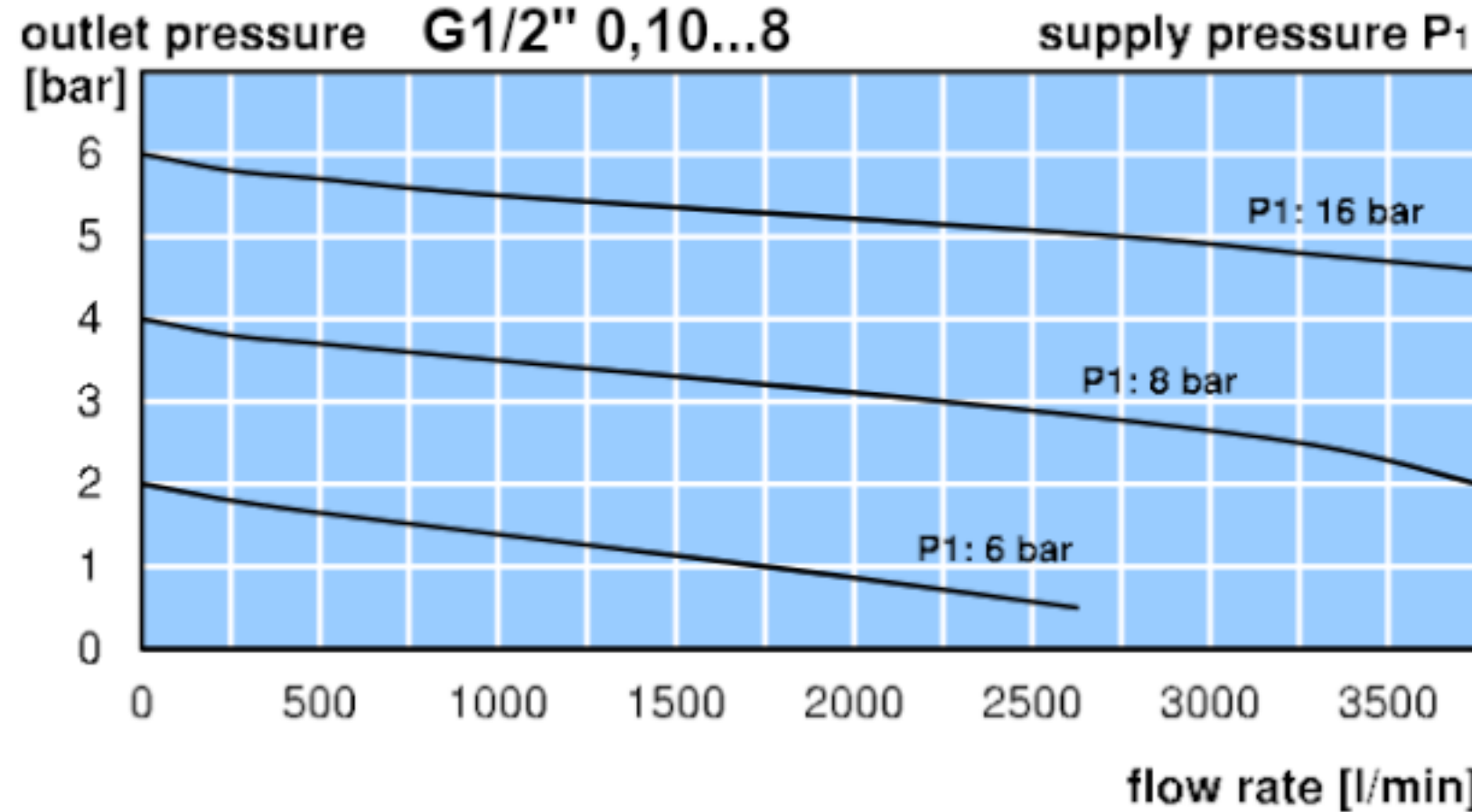
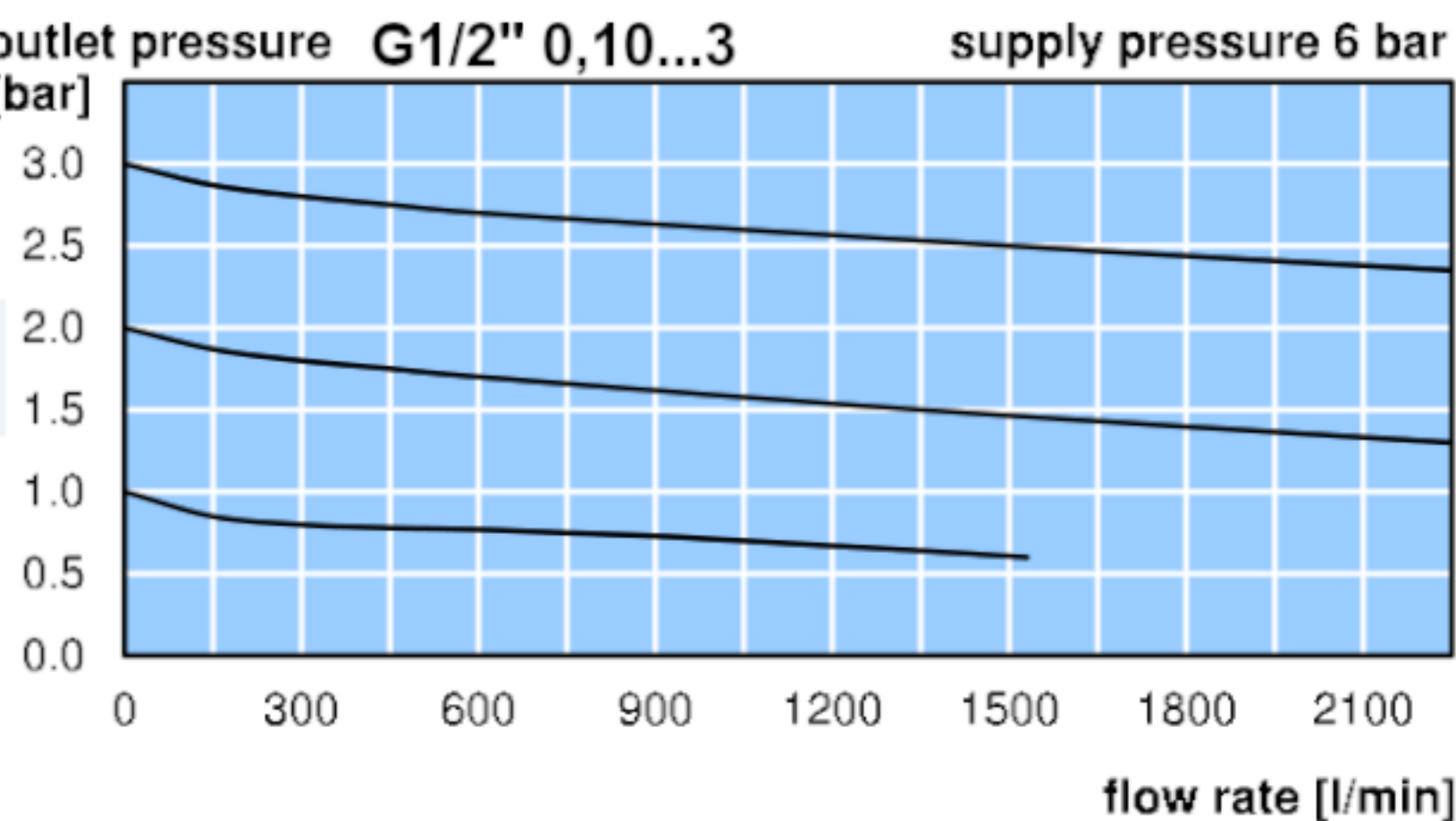
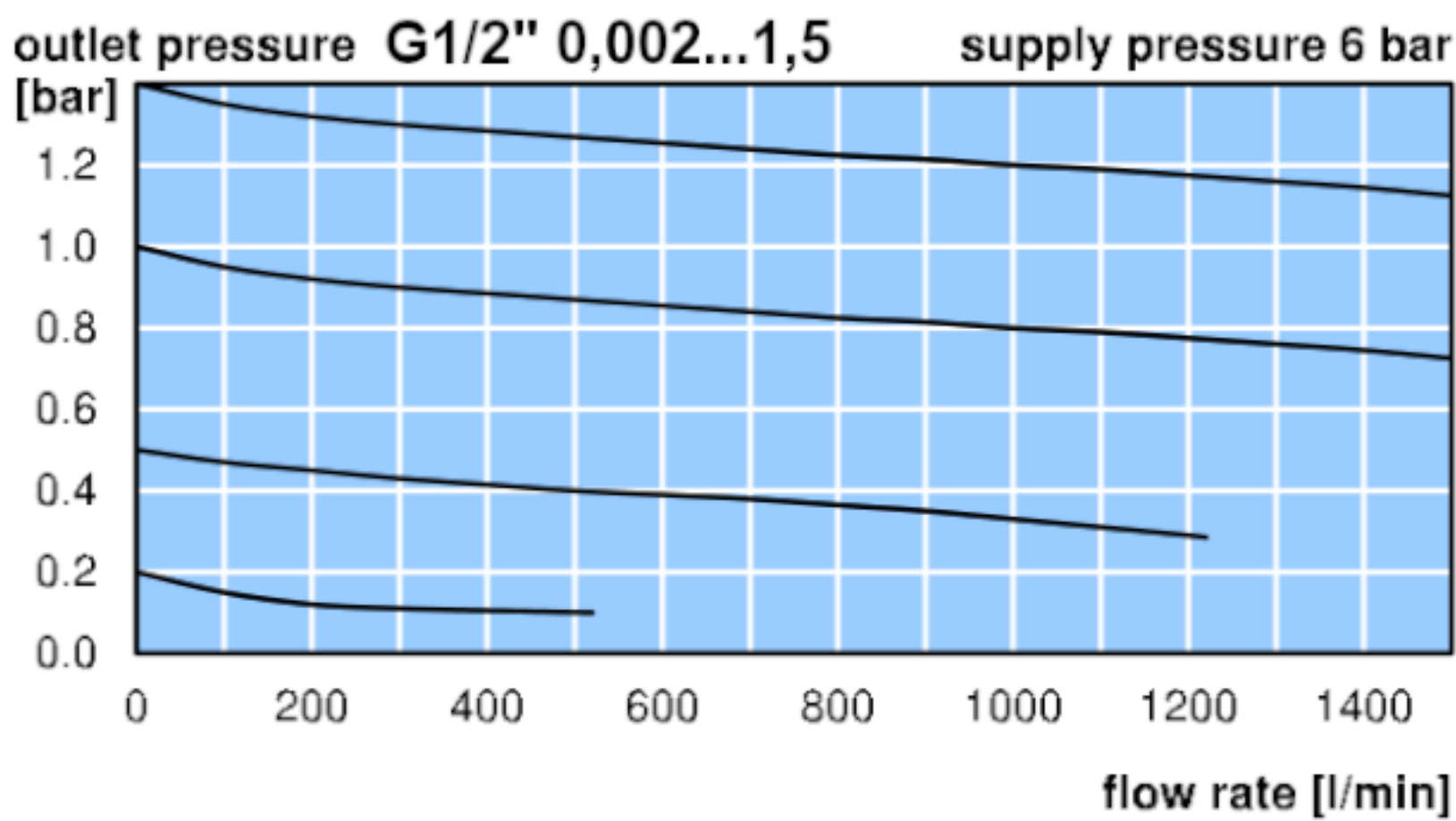
Special options, add the appropriate letter or number	
pilot operated	G¼ max. 300 bar, 0...8 bar
NPT	connection thread
non-relieving	for liquids
EPDM o-ring	
EPDM o-ring	FDA approval
SST diaphragm	FKM o-ring
	EPDM o-ring
ammoni	NH ₃
carbon dioxide	CO ₂
argon	Ar
nitrogen	N ₂
helium	He
hydrogen	H ₂
methane	CH ₄
natural gas *3	
oxygen	O ₂
propane	C ₃ H ₈
nitrous oxide	N ₂ O

Accessories, enclosed

pressure gauge
mounting bracket
mounting nut
mounting bracket

Ø 50 mm, 0...*2 bar, G¼





*1 see diagramm
*2 02 = 0...2.5 bar, 04 = 0...4 bar, 10 = 0...10 bar
*3 without DVGW-approval