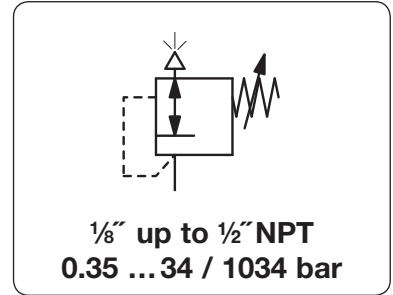


Description	The back pressure regulator is a high-precision piston-operated regulator and protect pneumatic devices against overpressure. If the pressure exceeds the setpoint, the pressure valve exhausts to the atmosphere until the pressure level is below the setpoint. It is advisable to select the pressure range as near as possible to the maximum setpoint.		
Media	compressed air, non-corrosive gases or liquids		
Overpressure	690 bar, optionally 1034 bar		
Design proof pressure	150 % maximum rated		
Adjustment	by knob		
Cleaning	according to CGA4.1 and ASTM G93		
Gauge port	not available		
Temperature range	-40 °C to 80 °C / -40 °F to 176 °F, optionally high-temperature version up to 200 °C / 392 °F		
Material	Body:	stainless steel 316	
	Seal:	CTFE	
	Valve seat:	Teflon up to pressure range 103 bar	
		CTFE down to pressure range 172 bar	
Leakage	bubble-tight		
Accuracy	± 1% of pressure range		
Mounting position	any		
	O-Rings:	NBR/Buna-N, opt. Urethane or FKM	
	Inner valve:	stainless steel 300	



Dimensions			K _v -value (m³/h)	Over-pressure max. bar	Connection thread NPT	Adjustment range bar	Order number
A	B	C					
mm	mm	mm					

Relief / Back pressure regulator							SST 316, free of grease and oil O-Rings: NBR/Buna-N, Teflon, PCTFE	DB26
63	165	11	0.14	690	1/4" NPT	0.35 ... 35	DB26-02A	
			0.14			0.35 ... 55	DB26-02B	
			0.10			0.7 ... 103	DB26-02C	
			0.10			1.0 ... 172	DB26-02D	
			0.10			1.7 ... 276	DB26-02E	
			0.10			3.4 ... 414	DB26-02F	
			0.10			14 ... 690	DB26-02G	
85	165	11	0.14	690	1/2" NPT	0.35 ... 35	DB26-04A	
			0.14			0.35 ... 55	DB26-04B	
			0.10			0.7 ... 103	DB26-04C	
			0.10			1.0 ... 172	DB26-04D	
			0.10			1.7 ... 276	DB26-04E	
			0.10			3.4 ... 414	DB26-04F	
			0.10			14 ... 690	DB26-04G	

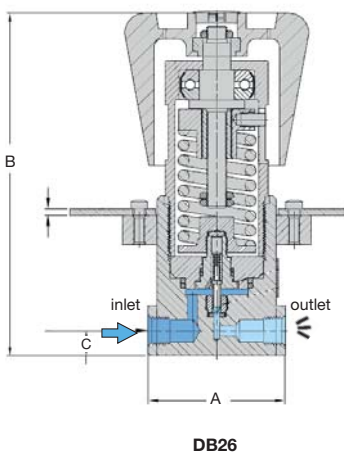


DB26

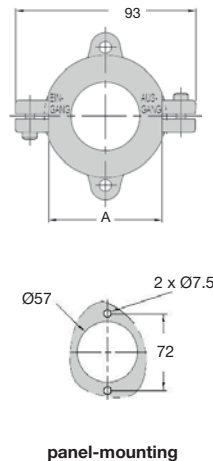


Special options, add the appropriate letter or number

1/8" NPT	connection thread	DB26-01.
3/8" NPT		DB26-03.
Gauge port	for inlet pressure, inlet on the right, regulator horizontally	DB26-...M
K _v -value	0.6 (m³/h)	DB26-...N
Urethane o-rings	for carbon dioxide (CO ₂)	DB26-...O
FKM o-rings		DB26-...V
up to 200 °C / 392 °F	adjusting screw, Kalrez o-ring	DB26-...X54
Overpressure	max. 1034 bar	DB26-...U



DB26



panel-mounting

