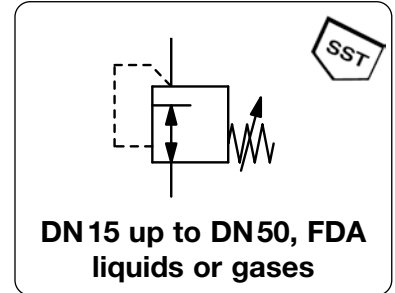


# PRESSURE REGULATOR WITH FLANGE, MADE OF SPECIAL STEEL CASTING

REF

<b>Description</b>	Diaphragm-operated pressure regulator made of stainless steel throughout. Even when spindle is unscrewed the indicated minimum outlet pressure is existent.
<b>Media</b>	compressed air, neutral gases or liquids
<b>Supply pressure</b>	see chart, max. 25 bar
<b>Adjustment</b>	by T-handle, with locknut
<b>Relieving function</b>	non-relieving
<b>Gauge port</b>	G $\frac{1}{4}$ on both sides of the body, one screw plug supplied
<b>Mounting position</b>	any
<b>Temperature range</b>	0 °C to 120 °C / 32 °F to 248 °F for FKM, for appropriately conditioned compr. air down to -30 °C / -22 °F 0 °C to 150 °C / 32 °F to 302 °F for EPDM, for appropriately conditioned compr. air down to -30 °C / -22 °F
<b>Material</b>	Body: stainless steel 316L, mat. no. 1.4408 Diaphragm: FKM, optionally EPDM or PTFE



Dimensions			K <sub>v</sub> -value	Flow rate		Supply pressure	Connection flange	Pressure range	Order number
A	B	C	(m <sup>3</sup> /h)	air	water	max. bar	DN	bar	

Pressure regulator with flange										for liquids, P: max. 8/25 bar, non-relieving, FKM, PN40	REF
210	255	95	4.0	4200	66	8	DN 15	0.2...3.0		REF-04B	
						25		2.0... 10		REF-04D	
						25		6.0... 16		REF-04E	
220	260	105	4.0	4200	66	8	DN 20	0.2...3.0		REF-06B	
						25		2.0... 10		REF-06D	
						25		6.0... 16		REF-06E	
220	265	115	4.0	4200	66	8	DN 25	0.2...3.0		REF-08B	
						25		2.0... 10		REF-08D	
						25		6.0... 16		REF-08E	
220	273	115	7.5	8000	125	8	DN 25	0.2...3.0		REF-A8B	
						25		2.0... 10		REF-A8D	
						25		6.0... 16		REF-A8E	
280	290	150	7.5	8000	125	8	DN 40	0.2...3.0		REF-12B	
						25		2.0... 10		REF-12D	
						25		6.0... 16		REF-12E	
320	298	165	7.5	8000	125	8	DN 50	0.2...3.0		REF-16B	
						25		2.0... 10		REF-16D	
						25		6.0... 16		REF-16E	

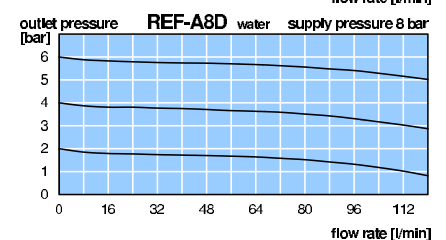
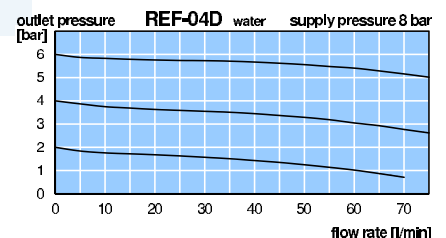
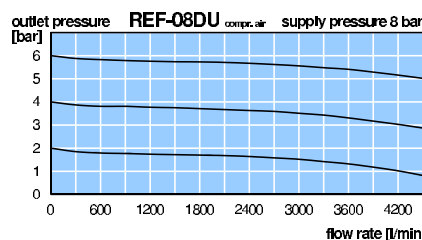
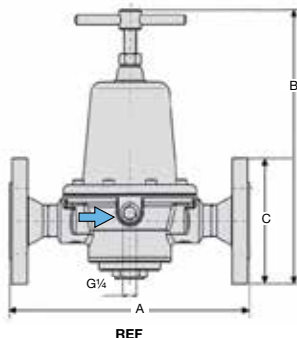


## Special Options, add the appropriate letter

gaseous media	non-relieving, height +43 mm	RE . . . . U
EPDM diaphragm	FDA approved	RE . . . . E
PTFE diaphragm	FKM with PTFE coating and FKM o-ring	RE . . . . I
free of oil and grease	suitable for oxygen	RE . . . . L
flange connection*3	DIN 3239 / DIN 11850-2 / ISO 4200, DN8 to DN25, instead of connection thread	RE . . . . A
milk pipe connection		RE . . . . M

## Accessories, enclosed

pressure gauge	Ø 50 mm, 0...*2 bar, G $\frac{1}{4}$	for DN 8 to DN 15 (04)	MS5002-...*2
	Ø 63 mm, 0...*2 bar, G $\frac{1}{4}$	for DN 15 (A4) to DN 50	MS6302-...*2



\*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop  
\*2 04 = 0...4 bar, 10 = 0...10 bar, 16 = 0...16 bar

\*3 version has to be indicate in clear words

Gauges: see chapter for measuring devices

PDF CAD  
www.aircom.net



Order example:  
REF-04B