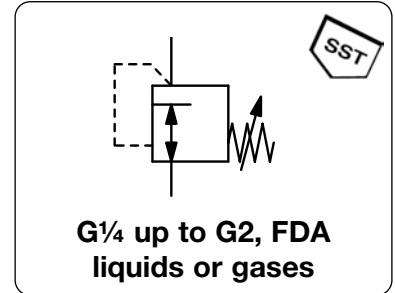


# PRESSURE REGULATOR MADE OF SPECIAL STEEL CASTING

REA

<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, 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

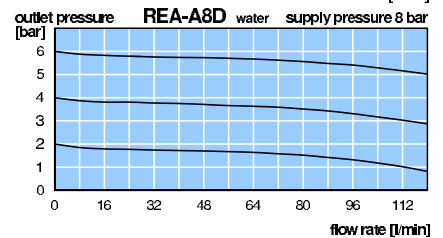
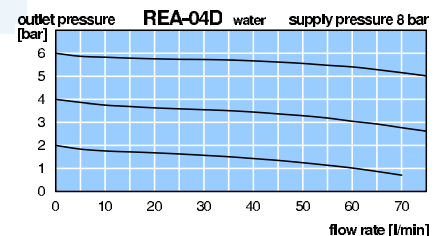
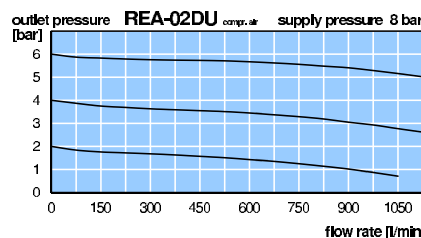
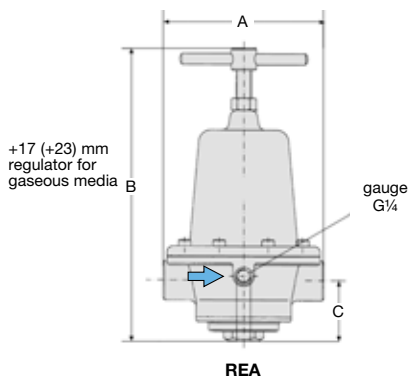


Dimensions			K <sub>v</sub> -value	Flow rate air	Flow rate water	Supply pressure	Nom. size	Connection thread	Pressure range	Order number
A	B	C	(m <sup>3</sup> /h)	l/min*1	l/min*1	max. bar	DN	G	bar	

Regulator made of Special Steel Casting										for liquids, P <sub>1</sub> : max. 8/25 bar, non-relieving, FKM	REA											
92	190	42	1.0	1100	17	8	DN 8	G $\frac{1}{4}$	0.2...3.0	REA-02B												
						25			2.0... 10	REA-02D												
						25			6.0... 16	REA-02E												
						122	240	49	4.0	4200	66	8	DN 10	G $\frac{3}{8}$	0.2...3.0	REA-03B						
												25			2.0... 10	REA-03D						
												25			6.0... 16	REA-03E						
												150	250	53	7.5	8000	125	8	DN 15	G $\frac{1}{2}$	0.2...3.0	REA-04B
																		25			2.0... 10	REA-04D
																		25			6.0... 16	REA-04E
222	250	53	7.5	8000	125													8	DN 20	G $\frac{3}{4}$	0.2...3.0	REA-06B
																		25			2.0... 10	REA-06D
																		25			6.0... 16	REA-06E
						222	250	53	7.5	8000	125							8	DN 25	G1	0.2...3.0	REA-08B
																		25			2.0... 10	REA-08D
																		25			6.0... 16	REA-08E
												222	250	53	7.5	8000	125	8	DN 32	G1 $\frac{1}{4}$	0.2...3.0	REA-10B
																		25			2.0... 10	REA-10D
																		25			6.0... 16	REA-10E
235	250	53	7.5	8000	125													8	DN 40	G1 $\frac{1}{2}$	0.2...3.0	REA-12B
																		25			2.0... 10	REA-12D
																		25			6.0... 16	REA-12E
						235	250	53	7.5	8000	125							8	DN 50	G2	0.2...3.0	REA-16B
																		25			2.0... 10	REA-16D
																		25			6.0... 16	REA-16E



## Special options and Accessories, see page 15.10. REF



\*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop