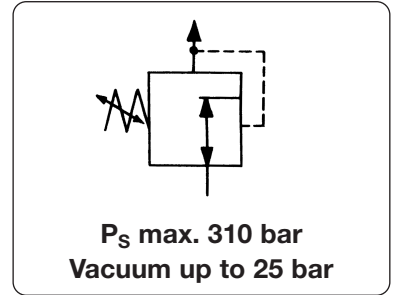


Vacuum and Absolute Pressure Regulator, supply max. 310 bar

RD

Description	Vacuum pressure regulator with large effective diaphragm sensing area for quick response, reliable regulation and long service life. Designed to achieve 0.1% full scale precision. Excellent repeatability and easy maintenance.		
Pressure rating	According to ANSI / ASME B31.3 Proof pressure 150% of max. operating pressure.		
Supply pressure	RDV, Vacuum max. 4 bar	RDA, absolute pressure max. 310 bar	RD4, absolute pressure SST max. 8 bar
Leakage	bubble-tight		
Temperature	-25 °C to +75 °C / -15 °F to 165 °F		
Materials: Body	brass or nickel-plated aluminium		
Diaphragm	NBR or EPDM or Viton		
Inner valve	stainless steel & brass		
Seat	PTFE or Vespel		
Adjustable stop	Allows max. outlet pressure to be limited to any value between max. rated value and less than 50% of maximum		



Dimensions	Body	K _v -value	Supply pressure	Pressure range	Order number
height	Ø		max. bar	mbar _{abs} bar _{abs}	
mm	mm	(m ³ /h)			

Vacuum regulator	1/4" NPT, non-relieving,	panel mounting, without nut	without gauge port	RD	
118 64	brass	0.21	4 bar	67 mbar _{abs} ... 1.0 bar _{abs}	RDV - 02A
118 64	brass	0.05	310 bar	67 mbar _{abs} ... 2.1 bar _{abs}	RDA - 02B
118 64	brass	0.05	310 bar	67 mbar _{abs} ... 4.5 bar _{abs}	RDA - 02C
118 64	brass	0.05	310 bar	67 mbar _{abs} ... 7.9 bar _{abs}	RDA - 02D
118 64	brass	0.05	310 bar	67 mbar _{abs} ... 25 bar _{abs}	RDA - 02E
140 69	316 SST	0.21	8 bar	67 mbar _{abs} ... 2.0 bar _{abs}	RD4 - 02S



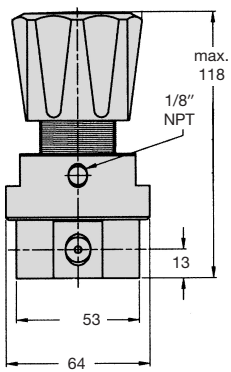
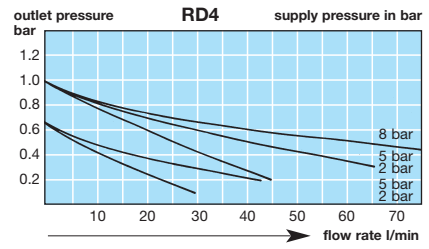
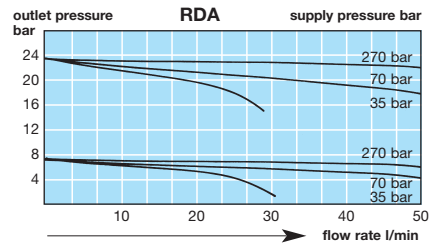
RDA / RDV



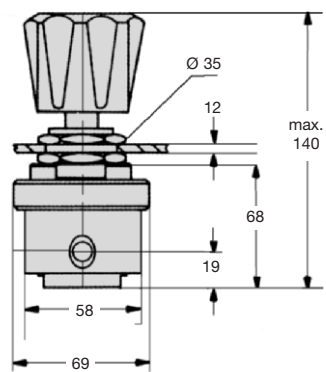
RD4

Special options add the appropriate letter

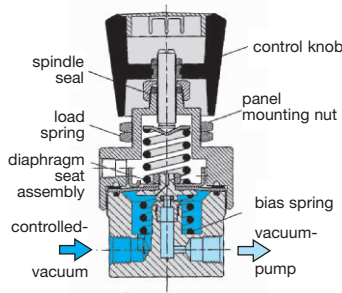
aluminium body	nickel-plated	except RD4	A	RD . - 02 . A
EPDM elastomer		except RD4	E	RD . - 02 . E
Viton elastomer	FPM	except RD4	V	RD . - 02 . V
panel nut	SM-RD	all	P	RD . - 02 . P
gauge port	1/4" NPT, outlet	all	H	RD . - 02 . H



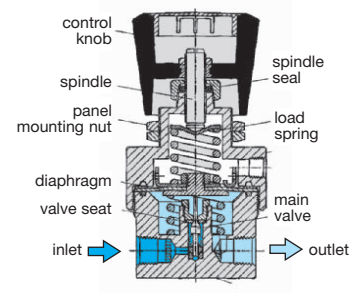
RDA / RDV



RD4



RDV



RD4 / RDA

For your information:	1 bar: 14.5 psi	1 l/min: 0.035 scfm	1 mm: 0.039 inch
	1 psi: 0.069 bar	1 scfm: 28.3 l/min	1 inch: 25.4 mm

Order example:
RDA - 02B