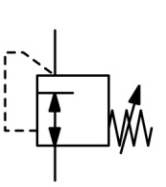
RH1 - Régulateur haute pression, compact, corps en aluminium nickelé ou acier inoxydable, siège CTFE ou Vespel, 414 bar

Description	Diaphragm-operated high pressure regulator of small and light design.
Media	compressed air, non-corrosive gases or liquids
Supply pressure	max. 414 bar
Adjustment	by black plastic knob
Relieving function	non-relieving
Leakage rate	< 1 x 10^{-4} mbar l/s He
Gauge port	¼" NPT for inlet and outlet pressure
Weight	200 g
Mounting position	any
Temperature range	-25 °C to 75 °C / -13 °F to 167 °F
Materials	Body: nickel-plated aluminium Regulating system: piston with EPDM o-ring, as option NBR/Buna-N or FKM Valve seat: CTFE or Vespel as option Inner valve: stainless steel and aluminium



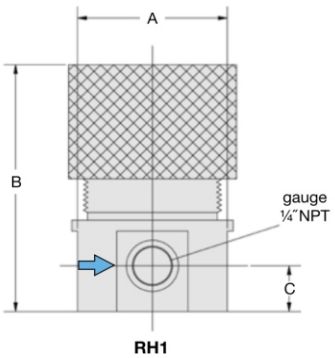
P_1: max. 414 bar
0.5…5/124 bar

RH1

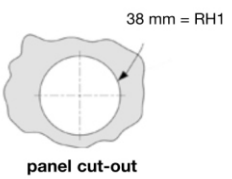
Dimensions A mm	B mm	C mm	K_v-value (m^3/h)	Flow rate m^3/h	l/min	Connection thread NPT	Pressure range bar	Order number
High pressure regulator 414 bar						for gases and liquids, non-relieving aluminium, piston with EPDM		**RH1**
41	76	13	0.05	84*2	1400*1	¼" NPT	0.5… 5	**RH1-02A**
							0.5… 10	**RH1-02B**
							1.5… 15	**RH1-02C**
41	76	13	0.05	192*3	3200*2	¼" NPT	4.0… 48	**RH1-02D**
							8.0… 83	**RH1-02E**
							10…124	**RH1-02F**

Special options, add the appropriate letter

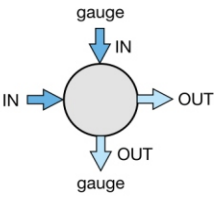
Vespel seat			für RH1	RH1-02.**X45**
NBR o-ring			für RH1	RH1-02.**N**
FKM o-ring			für RH1	RH1-02.**V**
brass pressure gauge	inlet side	**HM**	outlet side	RH1-02.**GM**
SST pressure gauge	inlet side	**H**	outlet side	RH1-02.**G**



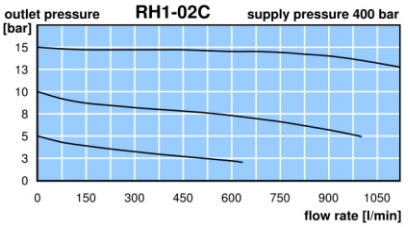
RH1

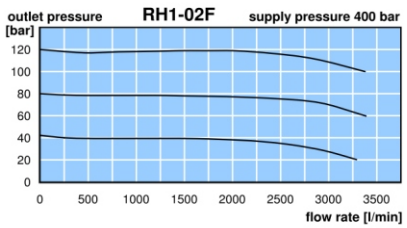


panel cut-out



connection diagram





*1 at 400 bar supply pressure and 15 bar outlet pressure
*2 at 400 bar supply pressure and 120 bar outlet pressure

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