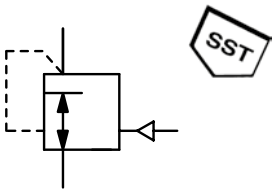
HIGH PRESSURE VOLUME BOOSTER WITH TRANSMISSION RATIO, UP TO 310 BAR RH3-J

Description	Highly reliable high pressure volume booster with diaphragm and high flow. In addition, the booster features high sensitivity and excellent regulating characteristics.
Media	compressed air, non-corrosive gases or liquids
Supply pressure	max. 260 bar, optionally 345 bar or 310 bar
Test pressure	150% of maximum supply pressure according to regulations ANSI / ASME B31.3
Pilot pressure	see chart, pilot port G⅛
Leakage rate	< 1x 10^{-4} mbar l/s He
Air consumption	without constant bleed
Relieving function	non-relieving
Gauge port	not available, optionally ¼″ NPT at inlet and outlet
Mounting postition	any
Temperature range	-25 °C to 100 °C / -13 °F to 212 °F
Material	Body: brass, optionally stainless steel Elastomer: FKM Inner valve: PTFE, brass or optionally stainless steel



½″NPT, 1:2 up to 1:19
P_1: max. 260/310 bar

RH3-J

Dimensions A mm	B mm	C mm	K_v-value (m^3/h)	Flow rate m^3/h*1	l/min*1	Pilot pressure max. bar	Pressure range bar	Transmission ratio signal : outlet	Order number	D*
High pressure booster supply pressure max. 260 bar, non-relieving, without constant bleed, without gauge port ½″ NPT									**RH3-J**	
76	170	45	1.7	420	7000	21	3 … 42	1 : 2	**RH3-J402**	
						17	5 … 70	1 : 4	**RH3-J404**	
						5	3 … 42	1 : 8	**RH3-J408**	
						5	5 … 70	1 : 13	**RH3-J413**	
						5	10 … 104	1 : 19	**RH3-J419**	

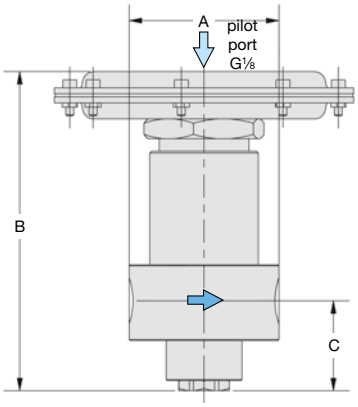
Special options, add the appropriate letter

¾″NPT	connection thread			RH3-J**6**. .
SST, 310 bar	body made of stainless steel 316			RH3-J . . .**S1**
for liquids	no filter at inlet port			RH3- J . . .**W**
gauge port	¼″ NPT for inlet and outlet			RH3-J . . .**M**
brass gauge	for brass body, on the input side	M**HM**	output side	RH3-J . . .M**GM**
SST gauge	for SST body, on the input side	M**H**	output side	RH3-J . . .M**G**

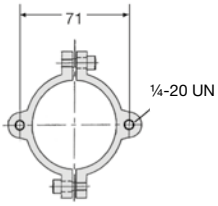
Accessories, enclosed

set of brackets	for panel mounting	**1129**

Booster
6



RH3-J



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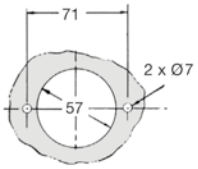
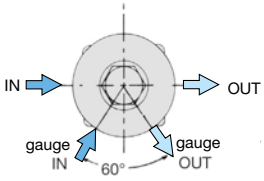
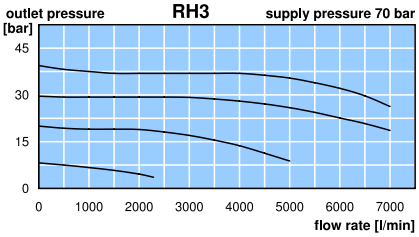
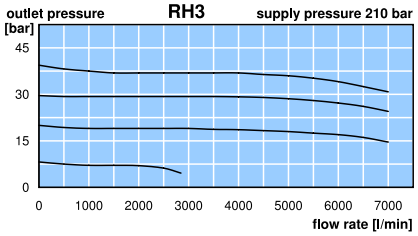


panel cut-out



gauge connection, option "M"





*1 at 210 bar supply pressure and 40 bar outlet pressure

* Product group

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net

Order example:
RH3-J402