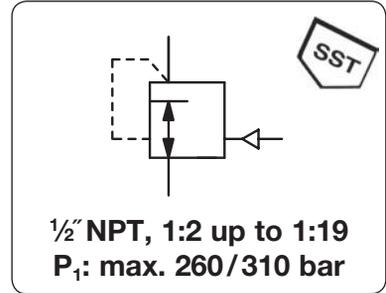


High Pressure Volume Booster with Transmission Ratio, up to 310 bar

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 G $\frac{1}{8}$	
Leakage rate	< 1x 10 ⁻⁴ mbar l/s He		
Air consumption	without constant bleed		
Relieving function	non-relieving		
Gauge port	not available, optionally 1/4" NPT at inlet and outlet		
Mounting position	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		



Dimensions			K _v value	Flow rate	Signal pressure	Pressure range	Transmission ratio	Order number
A	B	C	(m ³ /h)	m ³ /h*1	l/min*1	max. bar	signal : outlet	

High pressure booster								supply pressure max. 260 bar, non-relieving, without constant bleed, connection thread 1/2" NPT	RH3-J
76	170	45	1.7	420	7000	21	0... 42	1 : 2	RH3-J402
						17	0... 70	1 : 4	RH3-J404
						5	0... 42	1 : 8	RH3-J408
						5	0... 70	1 : 13	RH3-J413
						5	0... 104	1 : 19	RH3-J419



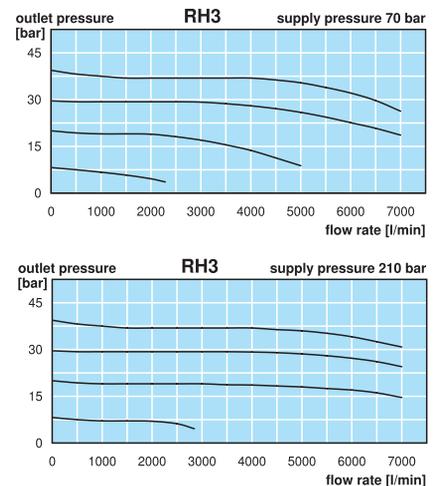
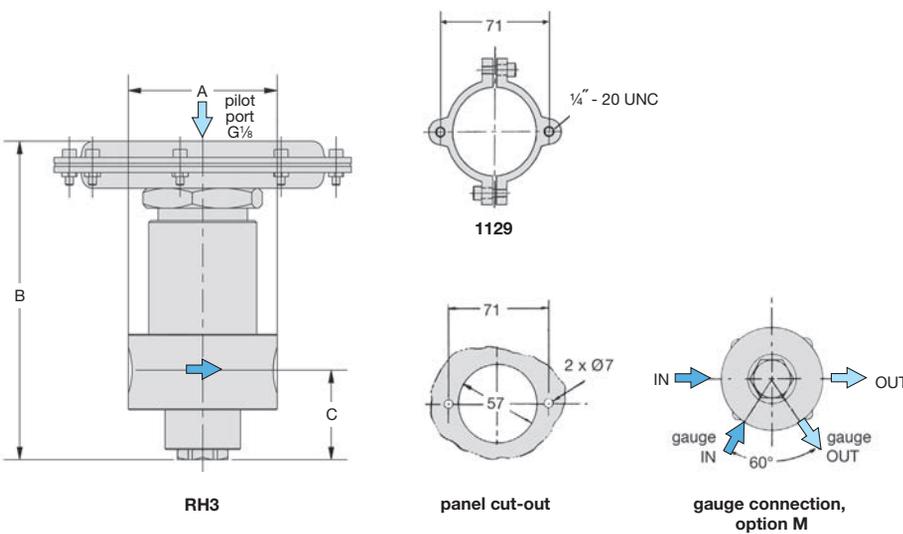
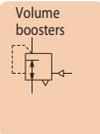
RH3-J

Special options, add the appropriate letter

3/4" NPT	connection thread								RH3-J6 . .
SST, 310 bar	body made of stainless steel 316								RH3-J . . . S1
gauge port	1/4" NPT for inlet and outlet								RH3-J . . . M
brass gauge	for brass body,	on the input side	HM	output side					RH3-J . . . MGM
SST gauge	for stainless steel body,	on the input side	H	output side					RH3-J . . . MG

Accessories, enclosed

set of brackets for panel mounting 1129



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



Order example:
RH3-J402
China website: www.duray-control.cn