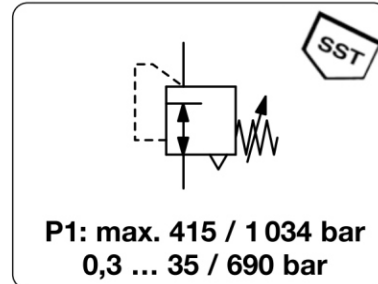


HP306 - Régulateur très haute pression 690 à 1034 bar, compatible air, gaz et liquides, également avec l'oxygène, joints NBR ou FKM, corps inox 316

Description	High pressure regulator, piston operated, made of stainless steel, with high sensitivity, excellent accuracy and reliability.		
Media	compressed air and non-corrosive gases or liquids (non-relieving version)		
Supply Pressure	max. 690 bar optionally 415 bar or 1034 bar		
Accuracy	at supply pressure variation of 7 bar: < 100 mbar		
Adjustment	by black plastic adjustment dial		
Relieving Function	standard relieving, optional non-relieving		
Gauge Ports	no ports, optional 1/4"NPT for inlet and outlet pressure, shifted by 60°		
Temperature Range	-40° to 75°C / -40°F to 167°F		
Material	Body:	stainless steel 316	Mounting position: any
	Seal:	NBR optional FKM	Spring Cage: stainless steel 300
	Valve Seat:	Vespel	Filter: 40 µm, stainless steel 300, brass by option U
	Inner Valve:	stainless steel 300	Relieving Valve: CTFE



Dimensions	K _v -value	Flow rate	Connection	Pressure range	Order Number
A B ØC	mm mm mm	m³/h*1 l/min*1	thread NPT	bar	

High Pressure Regulator 690 bar

relieving, compressed air, stainless steel, NBR	HP306
55 175 19 0,05 210 3600 1/4" NPT 0.3 ... 35	HP306-035
230 3900 1/4" NPT 0.3 ... 55	HP306-055
280 4800 1/4" NPT 0.7 ... 105	HP306-105
320 5400 1/4" NPT 1.0 ... 175	HP306-175
390 6500 1/4" NPT 1.7 ... 275	HP306-280
420 7000 1/4" NPT 3.4 ... 415	HP306-415
450 7500 1/4" NPT 14 ... 690	HP306-690



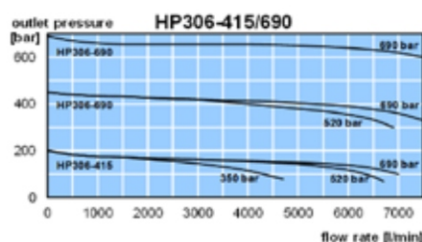
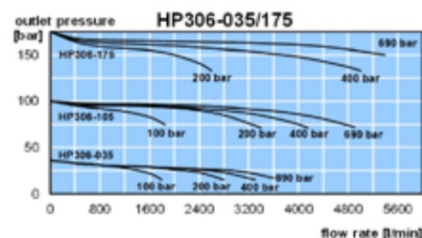
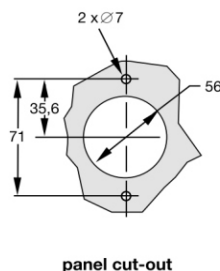
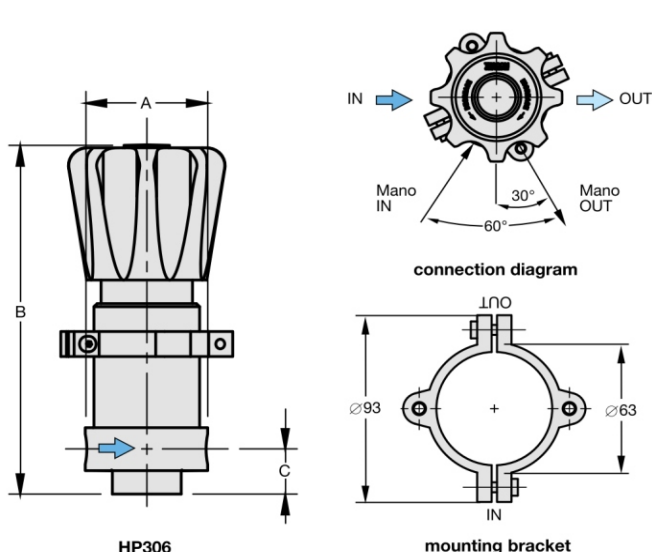
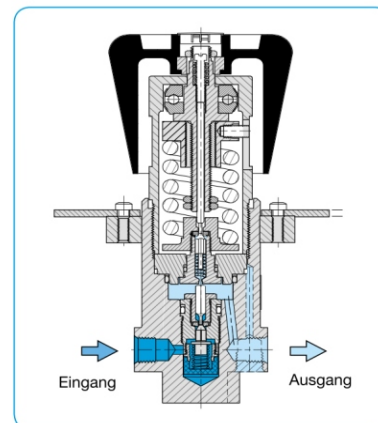
HP306
accessory: mounting bracket

Special options, add the appropriate letter

3/8"NPT	connection thread	HP306-...03
1/2"NPT	connection thread not possible by option S	HP306-...04
FKM elastomer		HP306-...V
non-relieving	with FKM elastomer	HP306-...VK
for oxygen	special cleaned, P1 < 200 bar	HP306-...15
inlet pressure 415 bar	brass up to pressure range 3.4 ... 415	HP306-...U
inlet pressure 1034 bar	stainless steel	HP306-...S
tapped exhaust	with FKM elastomer, 1/4"NPT	HP306-...VX12
gauge port	1/4"NPT for inlet and outlet	HP306-...M
gauge brass	inlet side MHM outlet side	HP306-...MGM
gauge stainless steel	inlet side MH outlet side	HP306-...MG

Accessories, enclosed

monting bracket	made of aluminium	1129
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*1 at 690 bar inlet pressure, see diaphragm