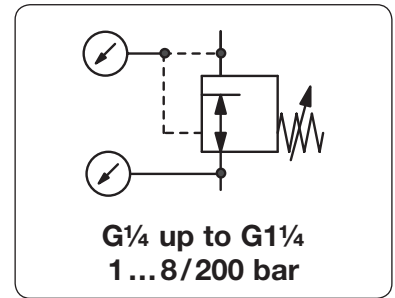


High Pressure Regulator for Outlet Pressure up to 200 bar

RH10

Description	Hand-operated, spring-loaded high pressure regulator for maximum supply pressure of 220 bar and maximum outlet pressure of 200 bar. For outlet pressures up to 15 bar the regulator has a diaphragm, for higher outlets a piston. A sintered bronze filter at the inlet port protects against contamination, compressed air or non-corrosive gases	
Media	max. 200 bar	
Supply pressure	RH10-02: by black plastic knob RH10-03 to -10: by T-handle with locknut	
Adjustment	All regulators are equipped with both one supply pressure gauge and one outlet pressure gauge.	
Gauge port	prevents from overpressure, see chart	
Safety relief valve	All regulators are equipped with supply pressure variation compensation, so that a change in supply pressure has no effect on the outlet pressure's stability.	
Compensation	-20 °C to 60 °C / -4 °F to 140 °F	
Temperature range	Material	Mounting position any
	Body: brass, nickel-plated at RH10-02	Inlet filter: sintered bronze
	Piston: stainless steel, brass at RH10-02	O-rings: EPDM
	Valve seat: nylon	
	Diaphragm: stainless steel at RH10-02, NBR/Buna-N at all others	



Dimensions			Safety relief valve	K _v value	Flow rate	Connection thread	Pressure range	Order number
A	B	C	S: with valve	(m ³ /h)	m ³ /h*1	l/min*1	bar	
mm	mm	mm				in / out		

High pressure regulator 200 bar										non-relieving, for compressed air, pressure gauges supplied	RH10
175	150	32	S	0.05	30	500	DIN 477 / G1/4	1 ... 8	RH10-02A		
			S		45	750		1 ... 15	RH10-02B		
			S		60	1000		3 ... 30	RH10-02C		
			S		60	1000		5 ... 50	RH10-02D		
			S		60	1000		10 ... 100	RH10-02E		
			-		60	1000		20 ... 200	RH10-02F		
181	165	40	S	0.15	70	1150	DIN 477 / G1/2m	1 ... 8	RH10-03A		
			S		155	2580		1 ... 15	RH10-03B		
			S		210	3500	DIN 477 / G3/8	3 ... 30	RH10-03C		
181	180	40	S		300	5000		5 ... 50	RH10-03D		
			-		390	6500		20 ... 200	RH10-03F		
181	230	40	S	0.25	370	6170	DIN 477 / G1/2m	1 ... 15	RH10-A3B		
			S		550	9170	DIN 477 / G3/8	3 ... 30	RH10-A3C		
			S		650	10830		5 ... 50	RH10-A3D		
181	180	40	-		700	11670		20 ... 200	RH10-A3F		
171	355	232	S	1.5	600	10000	G3/4m / G3/4m	1 ... 8	RH10-06A		
			S		720	12000		1 ... 15	RH10-06B		
171	380	257	S		850	14170		3 ... 30	RH10-06C		
			S		1000	16670		5 ... 50	RH10-06D		
246	376	245	S	2.5	1100	18330	G1m / G1m	1 ... 8	RH10-08A		
			S		1300	21670		1 ... 15	RH10-08B		
246	412	281	S		1500	25000		3 ... 30	RH10-08C		
			S		1650	27500		5 ... 50	RH10-08D		
			-		1850	30830		20 ... 200	RH10-08F		
241	380	264	S	3.5	2700	45000	G1m / G1 1/4	1 ... 8	RH10-10A		
			S		3150	52500		1 ... 15	RH10-10B		
241	418	299	S		3500	58330		5 ... 50	RH10-10D		



RH10-02B



RH10-A3B



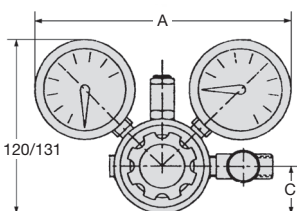
RH10-08B

Special options, add the appropriate letter

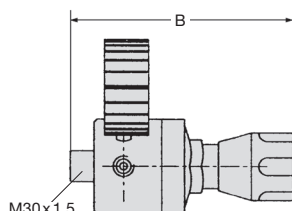
relieving diaphragm									RH10-...R
relieving piston									RH10-...R
FKM elastomer									RH10-...V
PTFE elastomer									RH10-...T
SST diaphragm									RH10-...S
for panel mounting									RH10-...P
nitrogen	N ₂ : 07	from RH10-03 on	carbon dioxide	CO ₂ : 03*2	argon	Ar:			RH10-...05
helium	He: 09	for RH10-02 to -A3	hydrogen	H ₂ : 11	methane	CH ₄ :			RH10-...13
oxygen	O ₂ : 15		propane	C ₃ H ₈ : 16	nitrous oxide	N ₂ O:			RH10-...17

Accessories, enclosed

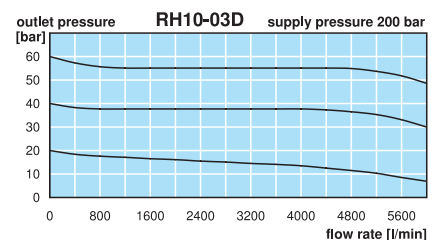
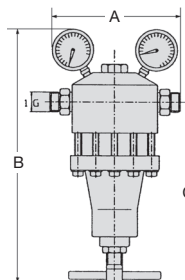
mounting bracket	made of stainless steel	for RH10-02 to -A3	BW30-03S
mounting nut		for RH10-02 to -A3	M30x1,5S
mounting bracket		for RH10-06	BW00-31
		for RH10-08	BW00-35



RH10-02/-03/-A3



RH10-06/-08



*1 at 200 bar supply pressure and max. outlet pressure

*2 max. 80 bar

PDF CAD
www.aircom.net

Order example:
RH10-02A