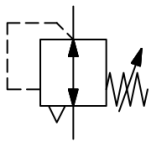
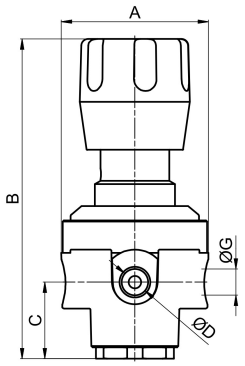
pressure regulator made of brass G1/4"...G3/8"
series R120



design	diaphragm pressure regulator respectively piston pressure regulator made of brass, with relieving
connection	G1/4"...G3/8" according to ISO228/1
materials	body, spring cover and inner parts brass, seals FKM, diaphragm PTFE/NBR
function	control of outlet pressure
mounting position	any
medium	filtered compressed air, neutral gases (other media on request)
medium temperature	0...+80°C, (with appropriately conditioned compressed air -20...+80°C)
ambient temperature	-20...+80°C
inlet pressure	see table, maximum 50bar
adjustment ranges	0,1...1,5/0,2...3/0,5...8/1...15/2...30/3...50bar
flow direction	is marked by an arrow
scope of supply	without manometer
special versions	low temperature version -40°C, high temperature version 130°C, without relieving

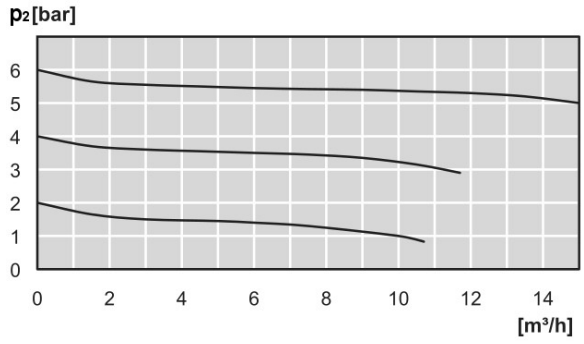
dimension



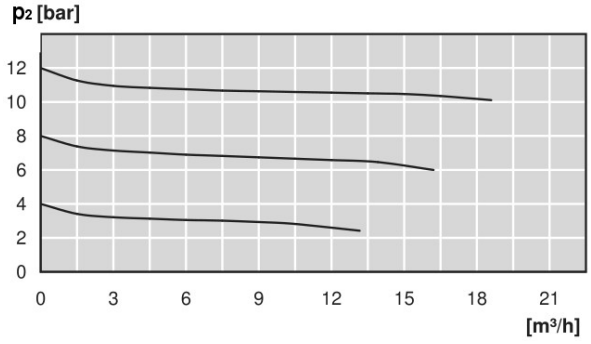
connection G	A	B	C	D	pressure range [bar]	maximum inlet pressure [bar]	flow at 6bar* [Nl/min]	kv value [m^3/h]	pressure transmission	type
G1/4"	63	140	34	G1/4"	0,1...1,5	30	260	0,35	diaphragm	R120-02A
G1/4"	63	140	34	G1/4"	0,2...3,0	30	320	0,35	diaphragm	R120-02B
G1/4"	63	140	34	G1/4"	0,5...8,0	30	500	0,35	diaphragm	R120-02C
G1/4"	63	140	34	G1/4"	1...15	50	660	0,35	diaphragm	R120-02E
G1/4"	63	141	34	G1/4"	2...30	50	840	0,35	piston	R120-02F
G1/4"	63	156	34	G1/4"	3...50	50	1000	0,35	piston	R120-02G
G3/8"	63	140	34	G1/4"	0,1...1,5	30	260	0,35	diaphragm	R120-03A
G3/8"	63	140	34	G1/4"	0,2...3,0	30	320	0,35	diaphragm	R120-03B
G3/8"	63	140	34	G1/4"	0,5...8,0	30	500	0,35	diaphragm	R120-03C
G3/8"	63	140	34	G1/4"	1...15	50	660	0,35	diaphragm	R120-03E
G3/8"	63	141	34	G1/4"	2...30	50	840	0,35	piston	R120-03F
G3/8"	63	156	34	G1/4"	3...50	50	1000	0,35	piston	R120-03G

*flow rate at output pressure of 6bar and 1bar pressure drop, inlet pressure 30 respectively 50bar

flow diagrams



inlet pressure 30bar



inlet pressure 50bar

illustrations are for information only and are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice