

Pressure regulator made of brass Series PR02 and PR10



PR02

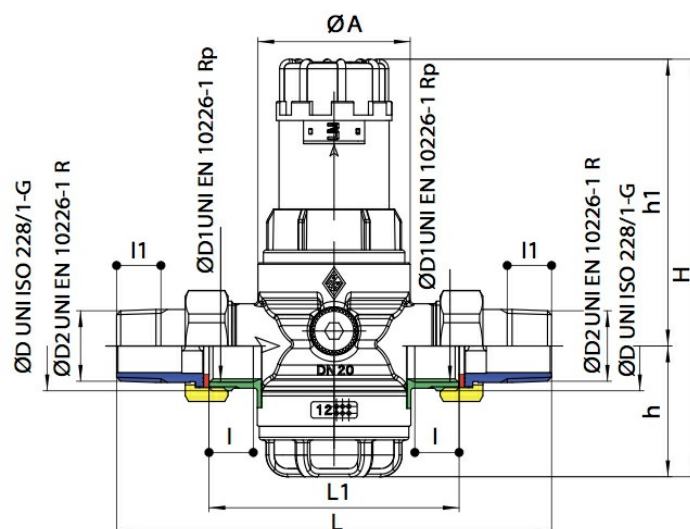


PR10

Design type	Pressure regulator with relieving poppet valve, without secondary venting, with integrated fine mesh filter 0.5mm in the inlet, connection fitting and union nut
Function	Secondary pressure regulation, PR02 via a rotary knob with scale, PR10 with hexagon socket screw
Connection	R1/2" ... R2" according to ISO7/1
Pressure gauge connection	G1/4" according to ISO228/1
Materials	Body and union nut brass CW617N, spring bonnet and filter bowl polyamide, fine filter 1.4301, seals and diaphragm NBR/EPDM
Application range	gaseous and liquid media that do not attack the materials used (not suitable for oil)
Medium temperature	-10...+70°C
Ambient temperature	-10...+70°C
Inlet pressure	max. 30bar
Control range	1,5...6bar
Flow direction	is marked by an arrow
Mounting type	Installation in rigid piping system
Mounting position	any
Scope of delivery	Pressure regulator without pressure gauge

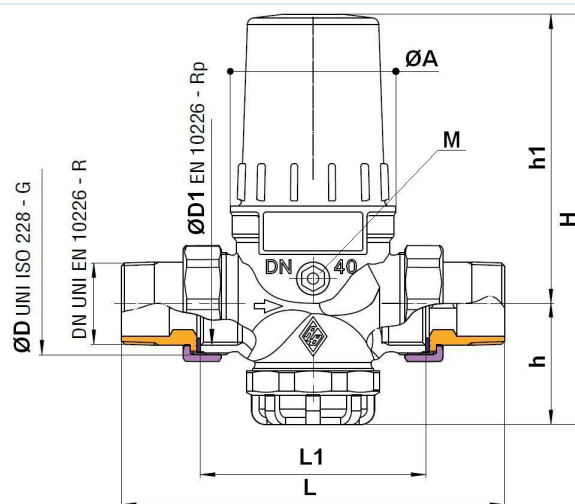


Dimensions PR02



D2	A	D / D1	h	h1	H	L	L1	I / I1	Kv value [m³/h]	Weight [approx. kg]	Type
R1/2"	56	G3/4"	48	105	153	140	80	15	2,8	0,8	PR02-12-1.5/6
R3/4"	56	G1"	48	105	153	160	92	16,3	4,2	1,0	PR02-34-1.5/6
R1"	72	G1 1/4"	54,5	121	175	185	105	19,1	6,8	1,5	PR02-10-1.5/6
R1 1/4"	72	G1 1/2"	54,5	121	175	194	109	21,4	11	1,6	PR02-114-1.5/6

Dimensions PR10

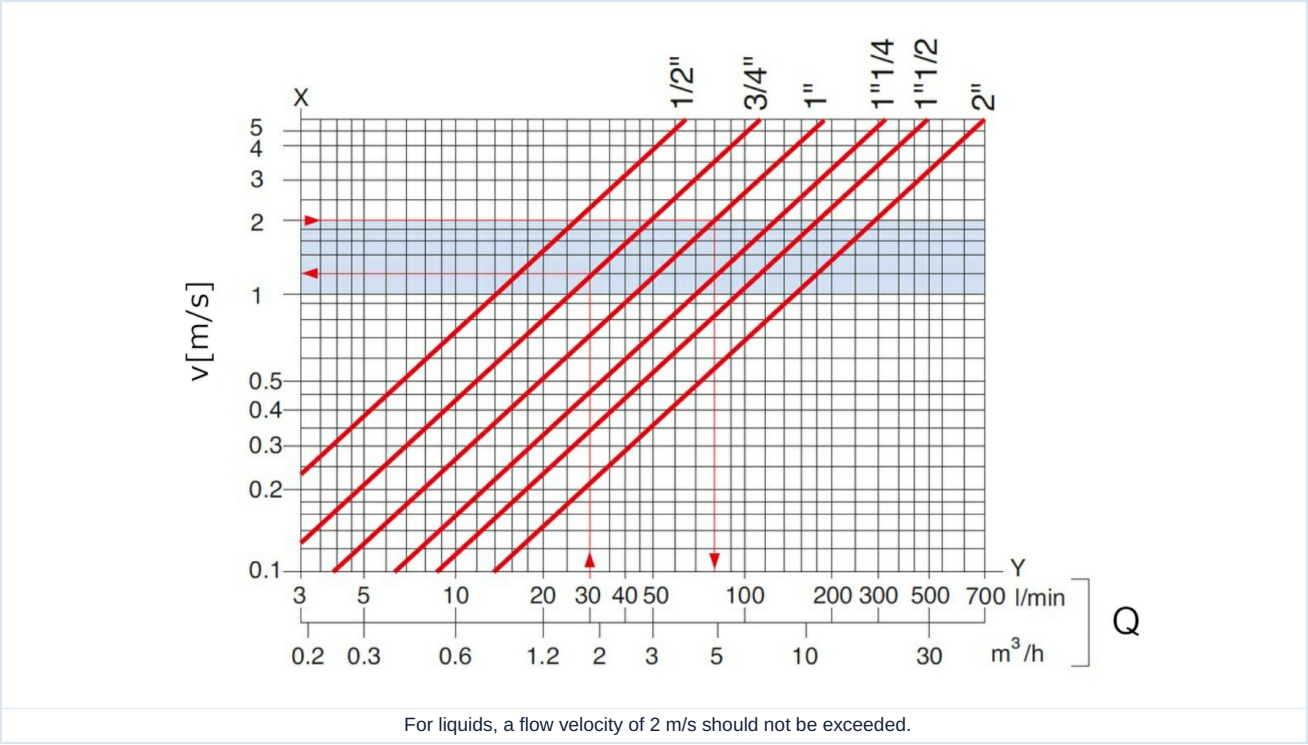


M = Pressure gauge connection 1/4"

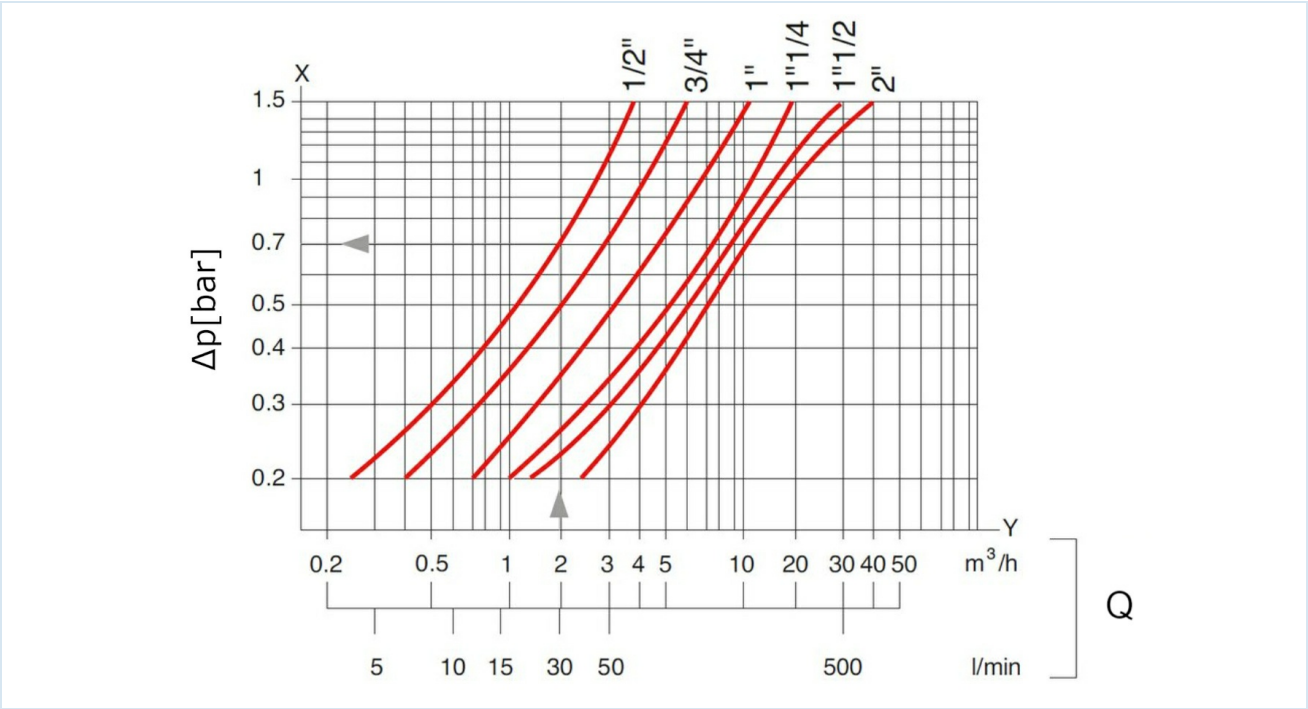
D	DN [mm]	ØD	ØD1	ØA	h	h1	H	L	L1	PN	Weight [approx. kg]	Type
1/2"	15	3/4"	1/2"	56	48	78,5	127	140	80	30	0,8	PR10-12-1.5/6
3/4"	20	1"	3/4"	56	48	78,5	127	160	92	30	1,0	PR10-34-1.5/6
1"	25	1 1/4"	1"	72	54,5	94	149	185	105	30	1,5	PR10-10-1.5/6
1 1/4"	32	1 1/2"	1 1/4"	72	54,5	94	149	194	109	30	1,6	PR10-114-1.5/6
1 1/2"	40	2"	1 1/2"	95,5	70	168	238	221	130	30	3,8	PR10-112-1.5/6
2"	50	2 1/2"	2"	95,5	70	168	238	238	140	30	4,9	PR10-20-1.5/6



Flow diagram for water



Pressure drop diagram for water



Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Pressure regulators, safety valves and accessories / Pressure regulator / Pressure regulator Series PR02/PR10