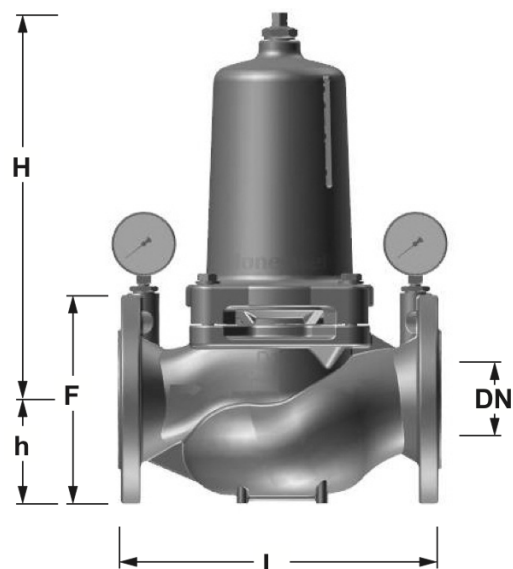


pressure regulator made of ductile iron type PR17



design	diaphragm controlled pressure reducing valve with flange with cartridge inlet, in- and outside powder-coated
connection	flange DN50...DN200 according to EN1092 PN16
materials	body and spring cover ductile iron, cartridge inlet stainless steel, diaphragm and seals EPDM, retaining ring and seal disc EPDM, screws and nuts stainless steel
function	control of outlet pressure
type of fixing	installed into rigid pipework
mounting position	horizontal, with spring cover bottom up
application	drinking water respectively gaseous and liquid fluids which do not affect the used materials
medium temperature	-10...+65°C
ambient temperature	-10...+55°C
inlet pressure	max. 16bar
adjustment range	see table
minimum pressure drop	1bar
flow direction	is marked by an arrow
approvals	DVGW for water, WRAS (up to 23°C), KIWA (DN65...DN100), SVGW (DN65...DN100)
scope of supply	incl. manometer
special version	nominal diameter DN125 available with adapter flanges

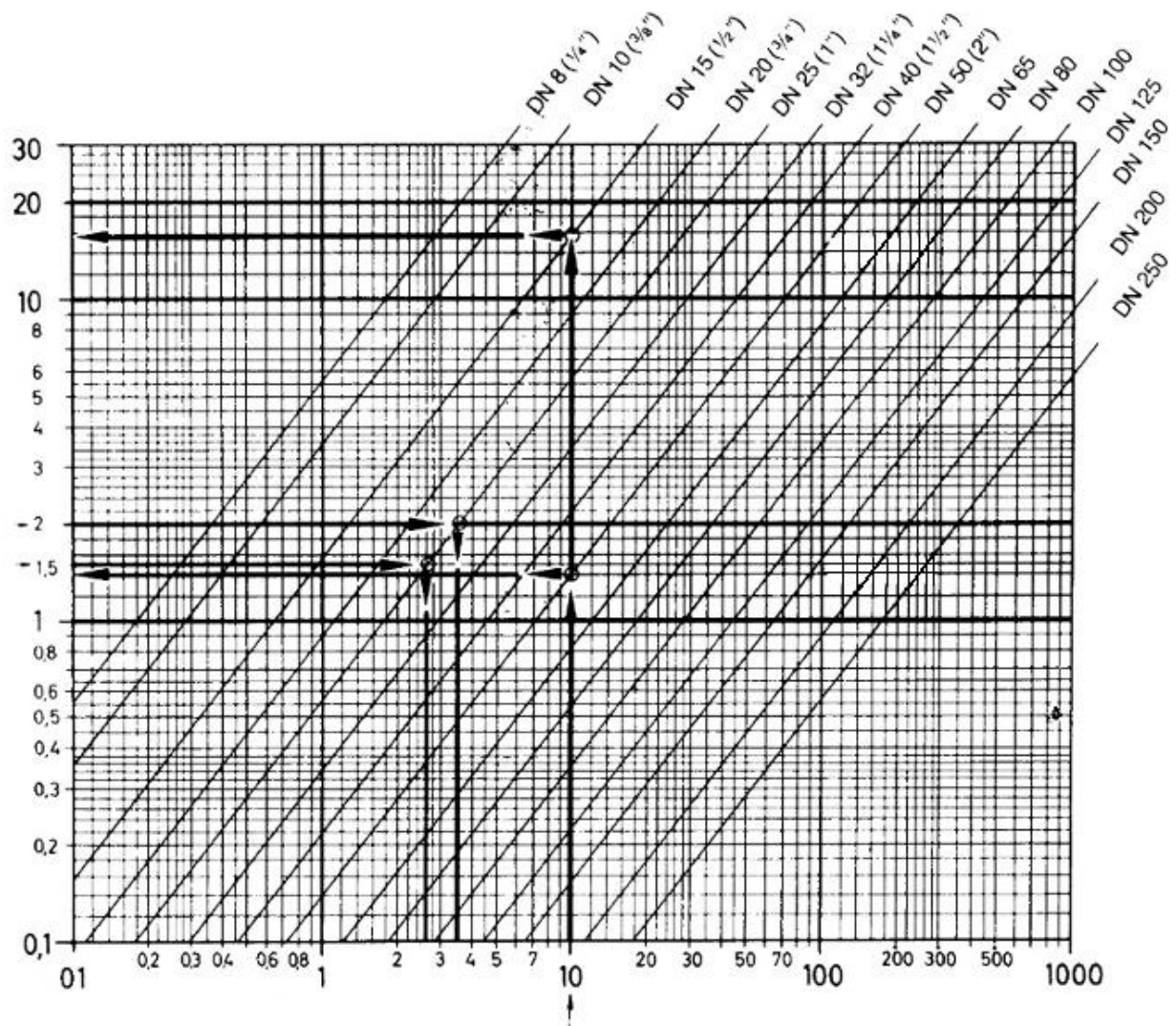
dimensions



nominal diameter DN[mm]	F	H	h	L	wall distance*	kvs-value [m ³ /h]	weight [app. kg]	adjustment range [bar]	type
50	165	296	83	230	110	18	14,0	1,5...7,5	PR17-50-1.5/7.5
65	185	370	93	290	120	49	30,5	1,5...7,5	PR17-65-1.5/7.5
80	200	370	100	310	130	51	32,0	1,5...7,5	PR17-80-1.5/7.5
100	220	370	110	350	145	56	34,5	1,5...7,5	PR17-100-1.5/7.5
150	285	541	143	480	200	230	110,0	1,5...8,0	PR17-150-1.5/8
200	340	543	170	600	230	255	135,0	1,5...8,0	PR17-200-1.5/8

*minimum distance wall - middle of pipe

flow diagram



vertical axis: flow velocity into m/s
horizontal axis: flow rate into m³/h

for liquids the flow rate should not exceed 2 m/s.

at compressed air the flow rate should not exceed 20 m/s.

by using the diagram for compressed air enter flow rate V in working cubic meters/hour. the conversion takes place in working cubic meters by dividing nominal cubic meters by the absolute pressure **absolute pressure = operating pressure + 1 [bar]**.

illustrations are non-binding

all designs, configurations, measurements and materials are subject to change without prior notice