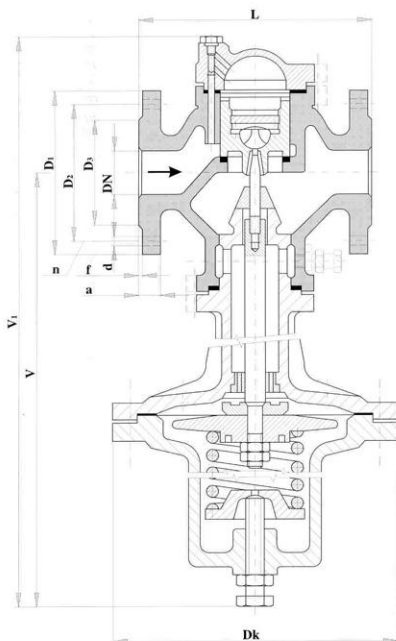


Steam pressure controller

R 22 117 616

PN 16



Application

It is used as output pressure controller, which decreases input steam pressure and automatically regulates it to adjusted output pressure. Maximum output overpressure depends on temperature (refer from the table).

Temperature [°C]	Pressure [MPa]
200	1,3
300	1,0

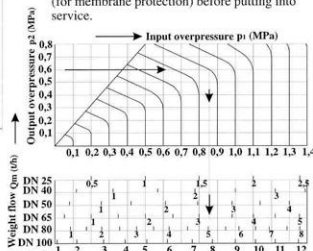
Connecting and face-to-face dimensions
 Connecting and face-to-face-dimensions as per DIN 3202 - F1.
 Flange connecting dimensions and sealing surface finishing with rugged sealing face as per DIN 2533 and DIN 2501.

Material

Casting grey cast iron GG 25
 Functional parts stainless steel
 Diaphragm mechanical rubber
 Sealing asbestos - free

Installation

Controller adapter must be in vertical position and rubber diaphragm must be at the bottom, when installing to horizontal pipe-line. Medium must input the valve in the direction of the arrow on the body. Pipeline to which the controller is installed must not transmit any additional stress to the controller. Valve leakage (when closed) is 0,1% Kv max.. Minimum flow rate is 5% Kv. The lower part of the controller must be primed with water (for membrane protection) before putting into service.



p_{max} = max. reduced overpressure (MPa)

DN	Kv	L	V	V ₁	D ₁	D ₂	D ₃	D _K	a	f	d	n	p _{max}	kg
25	15	160	615	715	115	85	68	215	16	2	14	4	0,8	23
40	21	200	735	860	150	110	88	260	18	3	18	4	0,6	40
50	26	230	735	860	165	125	102	260	20	3	18	4	0,6	41
65	31	290	735	860	185	145	122	260	20	3	18	4	0,6	43
80	55	310	915	1075	200	160	138	335	22	3	18	8	0,4	79
100	80	350	915	7075	220	180	158	335	24	3	18	8	0,4	87