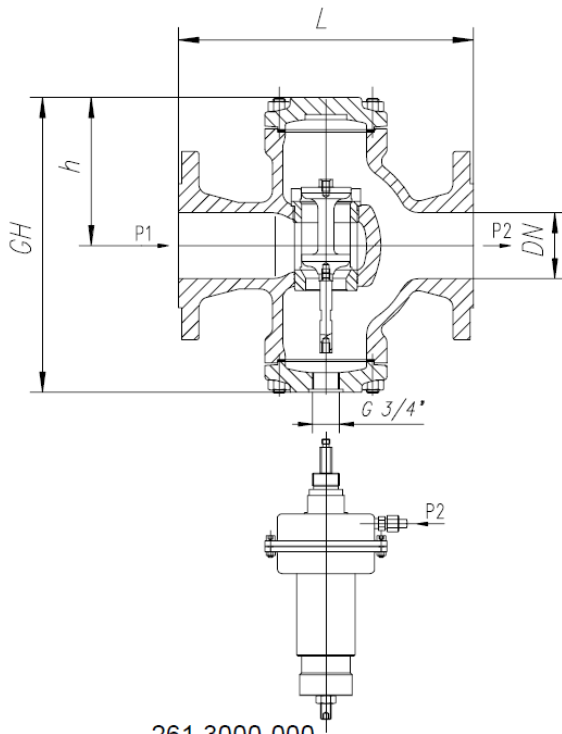


AKO Pressure Regulator selfactuated

BT 210.0540-GB



AKO Pressure Reducer
With balanced double-seat regulating valve
Type series 210.0540



261.3000-000

Technical Data

material:
- body EN-GJL-250
- inner parts stainless steel
operating temperature up to 150°C
operating pressure up to 16 bar
adm. differential pressure up to 16 bar
Nominal pressure PN 16
connection flange EN 1092-2 form B

Actuators:

material:
- diaphragm body brass or stainless steel
- diaphragm FPM
- adm. temperature stainless steel
adm. temperature: up to 150°C

See data sheet 261.3000-000

Application

The AKO Pressure Reducer without auxiliary energy is used for pressure reduction in technical systems. The valve can be used for liquid media and non-combustible gases.

Functioning

The control of the AKO Pressure Reducer is done over the force balance between the adjustable desired control spring and the force (P_2) of the control diaphragm. The valve closes when the adjusted after pressure (P_2) will be achieved.

Adjustment

The adjustment of the minimum pressure has to be done by turning the adjusting screw and please watch the system pressure tension release of the spring (lefthand rotation of the adjusting screw) reduces the setting pressure.

Order - no.	DN	L [mm]	GH [mm]	h [mm]	KVs [m³/h]	weight [kg]	Actuator		
							adjusting range [bar]	Diaphragm actuator	weight [kg]
210.0540-025-0	25	160	190	90	8,0	15,0	0,02 – 0,25	261.3160-001-101	10,0
210.0540-032-0	32	180	190	100	12,5	16,0	0,04 – 0,40	261.3160-001-102	10,0
210.0540-040-0	40	200	220	110	20,0	17,0	0,05 – 0,60	261.3160-001-103	10,0
210.0540-050-0	50	230	210	115	32,0	22,0	0,20 – 1,00	261.3050-010-104	3,5
210.0540-065-0	65	290	290	146	50,0	30,0	0,20 – 1,60	261.3050-010-105	3,5
210.0540-080-0	80	310	340	170	80,0	42,0	0,20 – 2,50	261.3050-010-106	3,5
210.0540-100-0	100	350	380	190	120,0	45,0	0,40 – 4,00	261.3023-001-107	2,8
210.0540-125-0	125	400	432	216	195,0	72,0	0,50 – 6,00	261.3023-001-108	2,8
							2,00 – 10,0	261.3040-002-109	2,8
							2,00 – 16,0	261.3024-003-110	2,8