

Initial-Pressure-Controller, springloaded

for steam, gases and liquids

Typ 80 SMG

Standard version:

Material: Valve-body / media contact surfaces
Typ 80 SMG: BG IV 1.4435 / 1.4404
 1.4571 / 1.4571

Connections:
 Aseptic flange e.g. DIN 11864-2 F (...)
 Flange e.g. DIN 2633 (PN16) F
 Male union e.g. DIN 11851 GA, GA (...)

Options:
 CIP able design
 Air loaded
 Surface quality inside and outside
 Seals with USP-, ADI-Certificate

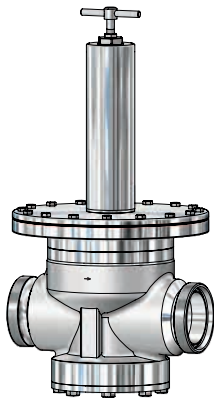
Sealings:
 AF100 (steam up to 200°C)
FDA-konforme sealings:
 EPDM (steam sterilisation up to 140°C)
 PTFE, EPDM (steam up to 150°C)
 PTFE, EPDM (steam up to 200°C)

Features:

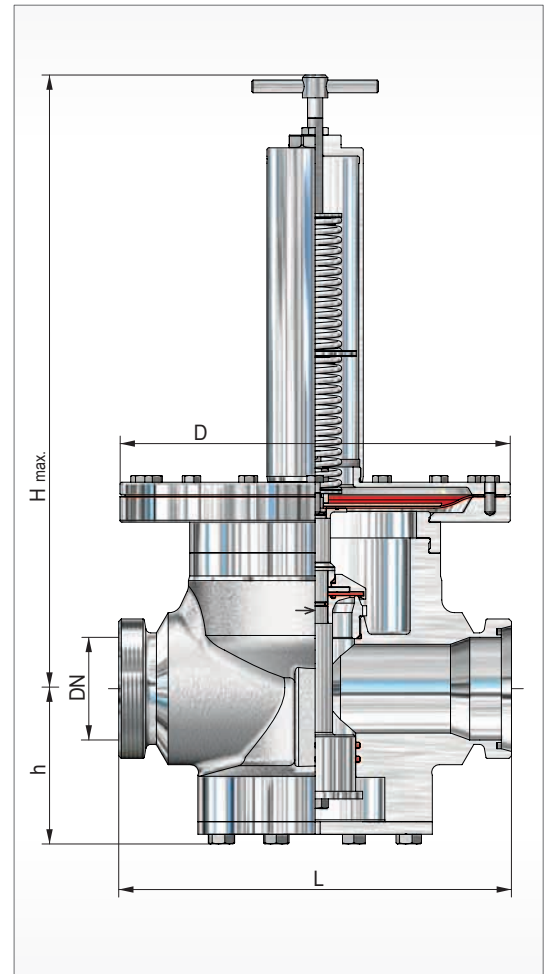
- Forged valve body
- Loaded disc, reprints independent
- Medium-contacted inner parts Ra ≤ 2,6 µm
- Diaphragm control
- Steam sterilisation up to 140°C

Approvals:

Pressure Equipment Directive: 97/23/EG
 Declaration of Conformity



Size IV
GA



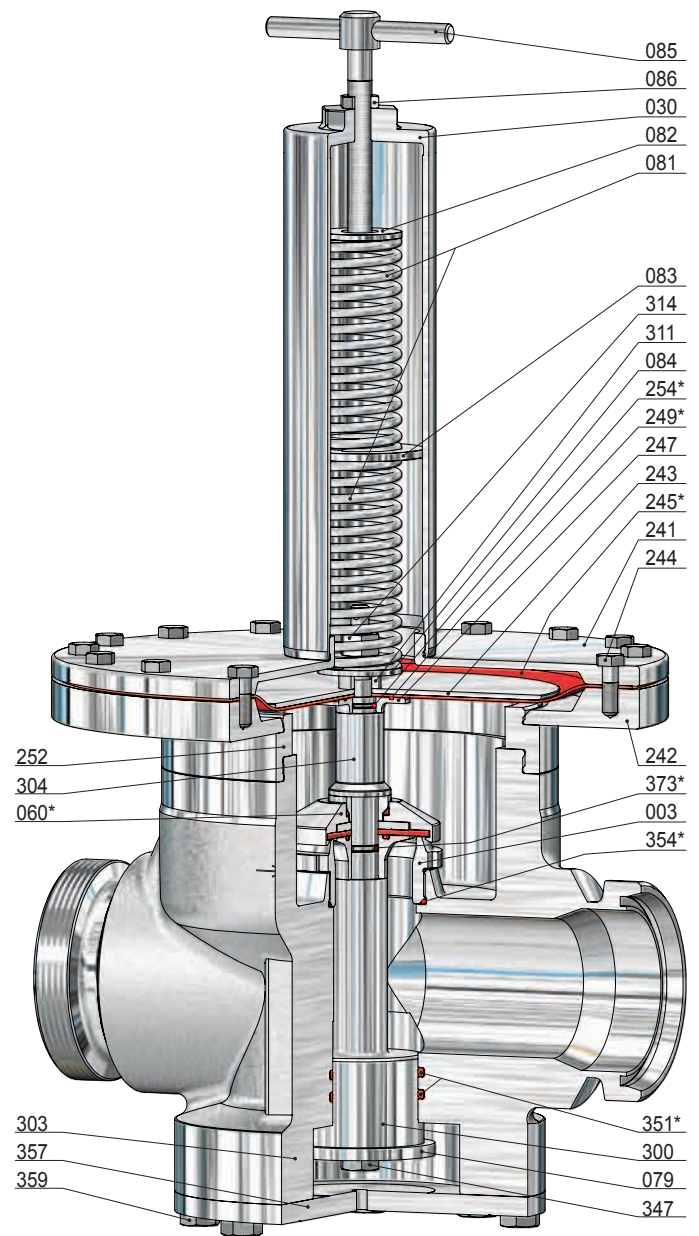
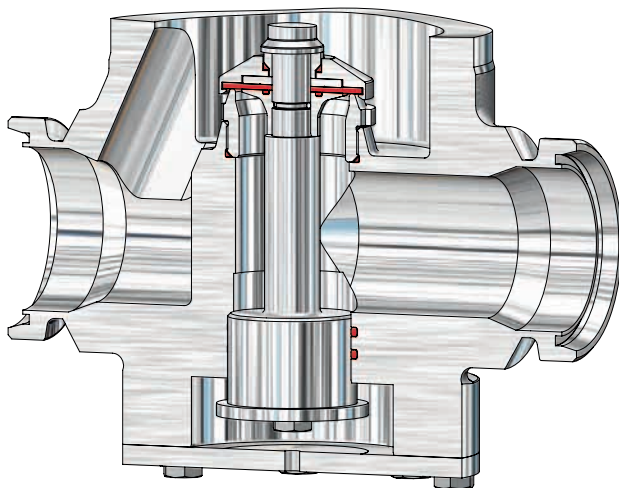
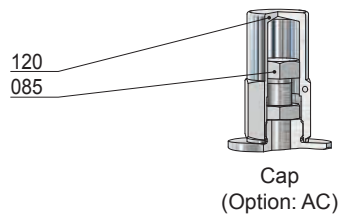
Size	Inlet		Outlet		Dimensions				Kvs value						
	PN		DN	NPS	Height H max.		Diaphragm Ø = D								
	DN	NPS			Inlet pressure range P1	Toggle spindle	Cap	L		h	Design				
			min.	max.	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[m³/h]
IV	65	2 1/2	0,005 / 0,38		65	2 1/2	see page (A 80 SMG)				48,0				
	80	3			80	3					405	310	235	-	50,0
	100	4			100	4									53,0

other design on request

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Size IV

Item	Piece	Description	Item	Piece	Description	Item	Piece	Description
303	1	valve body	083	1	springplate, middle	300	1	piston
003	1	seat	084	1	springplate, lower	304	1	inlet pressure piston
030	1	spring bonnet	085	1	adjusting screw	311	1	distance bush
060 *	1	disc, complete	086	1	lock nut	314	1	lock nut
560	1	disc	120	1	cap	347	1	screw
061	1	pressure piece	241	1	upper housing	351 *	2	o-ring
062	1	soft sealing	242	1	lower housing	354 *	1	o-ring
071	1	o-ring	243	1	Klemmplatte, oben	357	1	bottom plug
072	1	locking ring	244	16	screw (variable)	359	8	screw
073	1	o-ring	245 *	1	diaphragm	373 *	1	o-ring
074	1	disc plate	247	1	lower clamp plate			
079	1	lift stopper	249 *	1	o-ring			
081	2	spring	252	1	adapter			
082	1	springplate, upper	254 *	1	o-ring			

* expendable parts