

Initial-Pressure-Controller, springloaded

for steam, gases and liquids

Typ 80 SMK

Standard version:

Material: Valve-body / media contact surfaces
Typ 80 SMK: BG 0 1.4301 / 1.4571
 1.4435 / 1.4404

Connections:
 Aseptic flange e.g. DIN 11864-2 **F (...)**
 Flange e.g. DIN 2633 (PN16) **F**
 Screwed connection e.g. DIN ISO 228 **IG**
 Male union e.g. DIN 11851 **GA, GA (...)**
 Clamp liner e.g. DIN 32676 **CL, CL (...)**

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

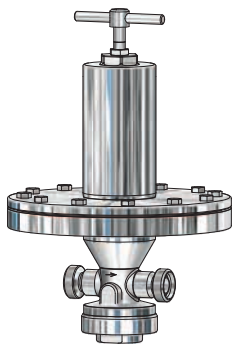
Sealings:
 AF100 (steam up to 200°C)
FDA-konforme sealings:
 EPDM (steam sterilisation up to 140°C)
 PTFE, EPDM (steam up to 150°C)
 PTFE, EPDM (steam up to 200°C)

Features:

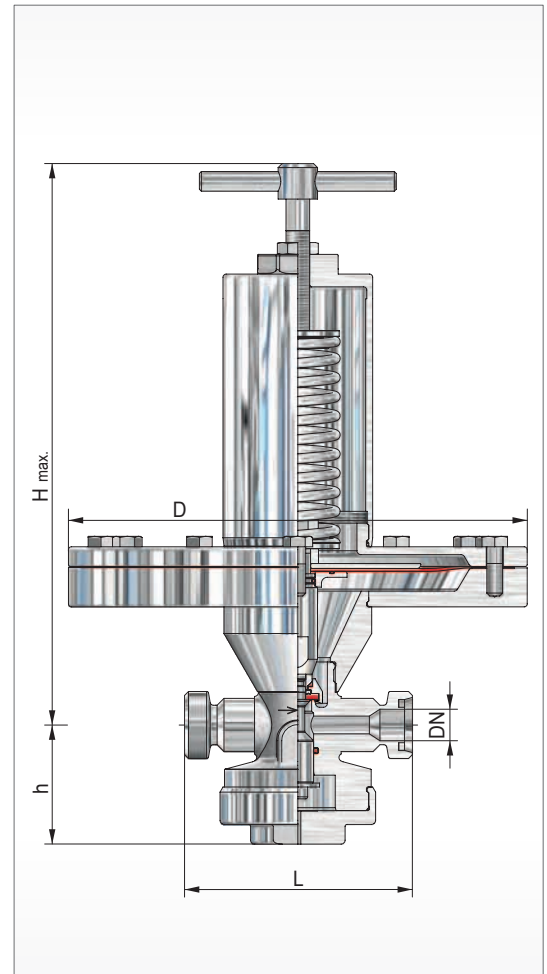
- Forged valve body
- Loaded disc, reprints independent
- Medium-contacted inner parts Ra ≤ 2,6 µm
- Diaphragm control
- Steam sterilisation up to 140°C

Approvals:

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



Size 0
GA



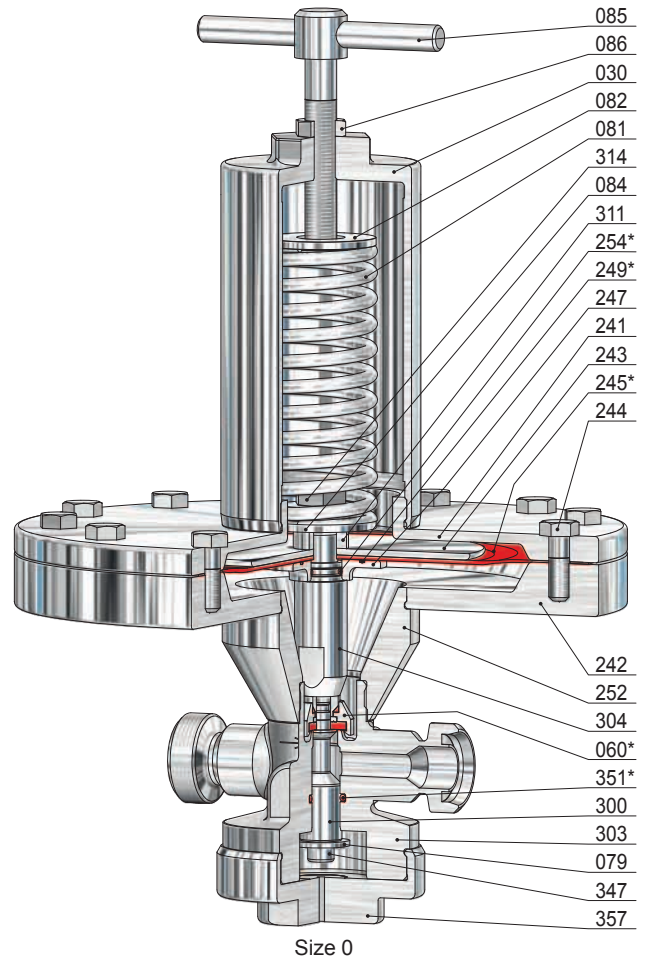
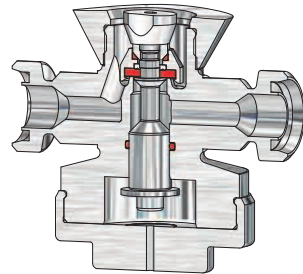
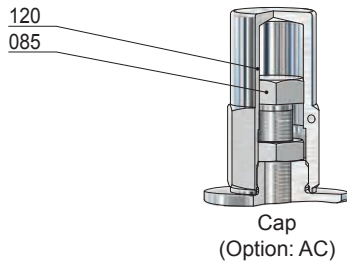
Size	Inlet PN		Outlet		Dimensions				Kvs value			
					Height H max.		Diaphragm Ø = D					
	DN	NPS	Inlet pressure range P1 min. [bar(g)] max.		Toggle spindle [mm]	Cap [mm]	L [mm]	h [mm]	Design [mm] [mm] [mm] [mm]		[m³/h]	
0	8	1/4	0,005 / 0,45	8	1/4	see page (A 80 SMK)				405 310 235 190		1,2
	10	3/8										2,0
	15	1/2										2,2

other design on request

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Item	Piece	Description	Item	Piece	Description
303	1	valve body	243	1	upper clamp plate
030	1	spring bonnet	244	12	screw (variable)
060 *	1	disc, complete	245 *	1	diaphragm
560	1	disc	247	1	lower clamp plate
061	1	pressure piece	249 *	1	o-ring
062	1	soft sealing	252	1	adapter
071	1	o-ring	254 *	1	o-ring
072	1	locking ring	300	1	piston
073	1	o-ring (only for thermoplastics soft sealing)	304	1	inlet pressure piston
079	1	lift stopper	311	1	distance bush
081	1	spring	314	1	lock nut
082	1	springplate, upper	347	1	screw
084	1	springplate, lower	351 *	1	o-ring
085	1	adjusting screw	357	1	bottom plug
086	1	lock nut			
120	1	cap			
241	1	upper housing			
242	1	lower housing			

* expendable parts