

Pressure-Reducing-Valve, springloaded

for steam, gases and liquids

**Typ 70
SKS**

Standard version:

Material:
Typ 70 SKS: BG I - II Valve-body / media contact surfaces
 1.4301 / 1.4571
BG I - IIIB 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 (...)

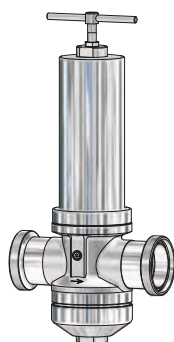
Options:
 CIP able design
 Air loaded
 Surface quality inside and outside
 Seals with USP-, ADI-Certificate

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)

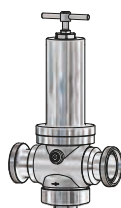
Features:
 • Forged valve body
 • Relieved disc, independent of inlet pressure
 • Medium-contacted inner parts Ra ≤ 2,6 µm
 • Piston controlled
 • Tight with zero-consumption
 • Steam sterilisation up to 140°C

Approvals:

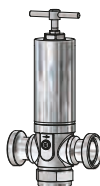
Pressure Equipment Directive: 97/23/EG
 Declaration of Conformity



Size IIIB
GA



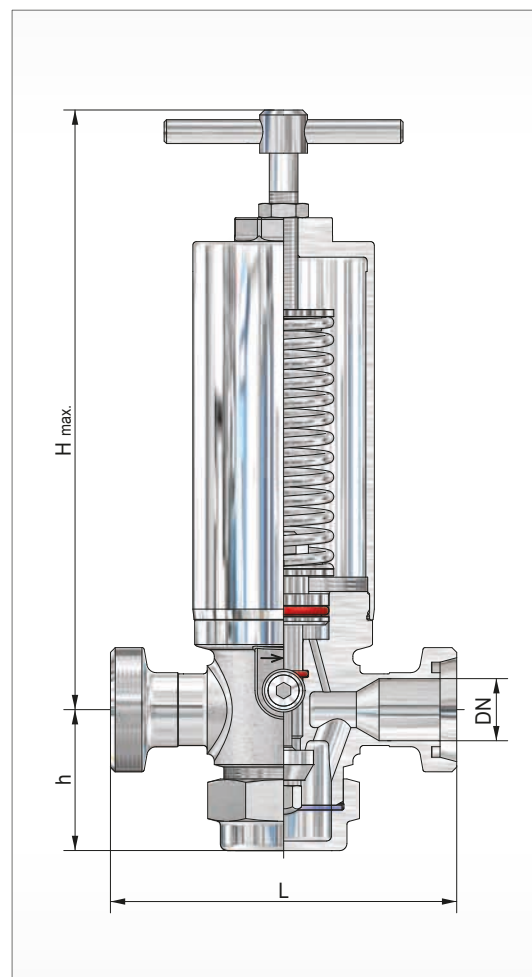
Size III
GA



Size II
GA



Size I
GA



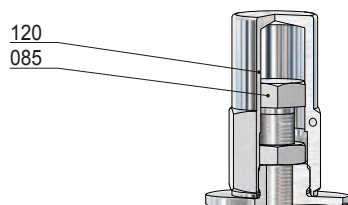
Size	Inlet			Outlet			Dimensions					Kvs value
			PN			PN	Height H max.					
	DN	NPS	Inlet pressure range P1	DN	NPS	Reduced pressure range P2	Toggle spindle	Cap	L		h	
			[bar(g)]			min. [bar(g)] max.	[mm]	[mm]	[mm]		[mm]	[m³/h]
I	15	1½	100	15	1½	0,35 / 73,00	see page (A 70 SKS)					3,0
	20	¾	63	20	¾							3,2
	25	1	63	25	1							3,5
	32	1¼	40	32	1¼							3,6
II	25	1	63	25	1	0,25 / 23,00						6,3
	32	1¼		32	1¼							6,5
	40	1½		40	1½							6,7
	50	2		50	2							7,0
	65	2½		65	2½							7,2
III	40	1½	63	40	1½	0,25 / 17,00						12,5
	50	2	40	50	2							13,0
	65	2½	40	65	2½							13,5
	80	3	40	80	3							13,7
IIIB	50	2	40	50	2	0,25 / 12,00						27,5
	65	2½		65	2½							28,0
	80	3		80	3							28,5

other design on request

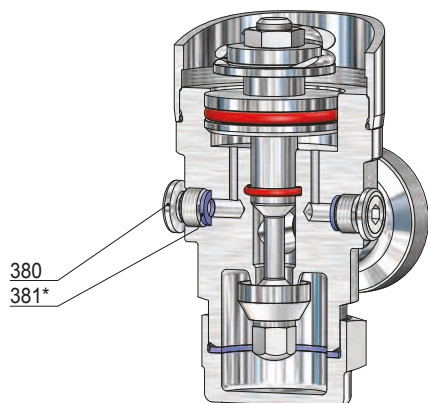
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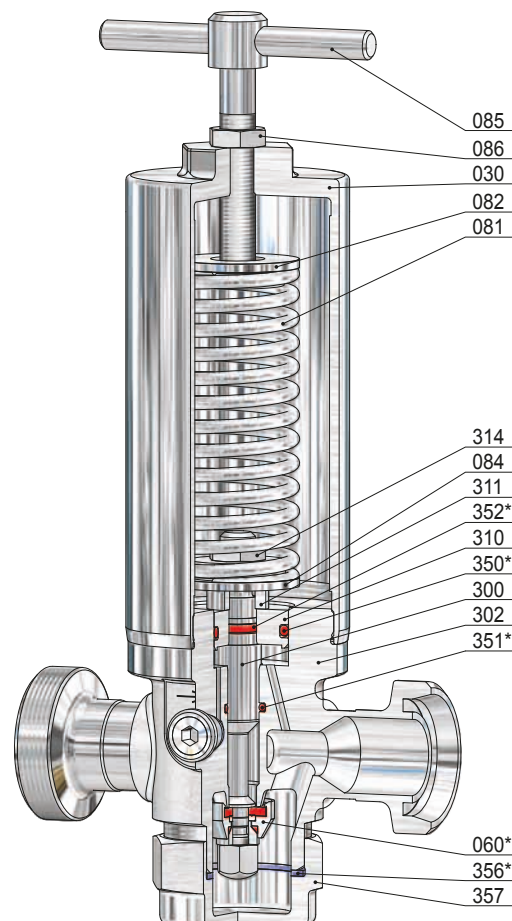
**Typ 70
SKS**



Cap
(Option: AC)



Manometer connection G 1/4



Size I

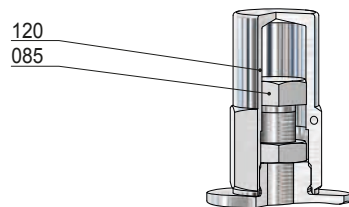
Item	Piece	Description	Item	Piece	Description
302	1	valve body	086	1	lock nut
030	1	spring bonnet	120	1	cap
060 *	1	disc, complete	300	1	piston
560	1	disc	310	1	piston plate
061	1	pressure piece	311	1	distance bush
062	1	soft sealing	314	1	screw
065	1	disc bolt	350 *	1	o-ring
071	1	o-ring	351 *	1	o-ring
072	1	locking ring	352 *	1	o-ring
073	1	o-ring <i>(only for thermoplastics soft sealing)</i>	356 *	1	sealing ring
081	1	spring	357	1	bottom plug
082	1	springplate, upper	380	2	screw plug
084	1	springplate, lower	381 *	2	sealing ring
085	1	adjusting screw			

* expendable parts

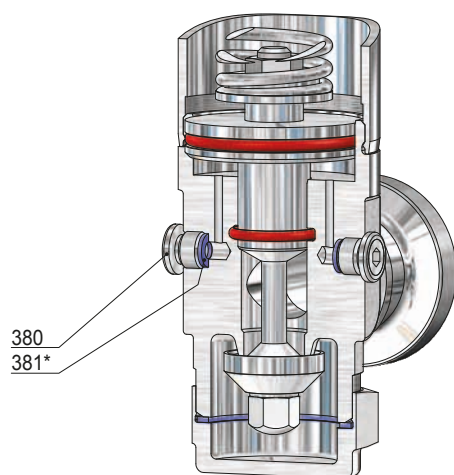
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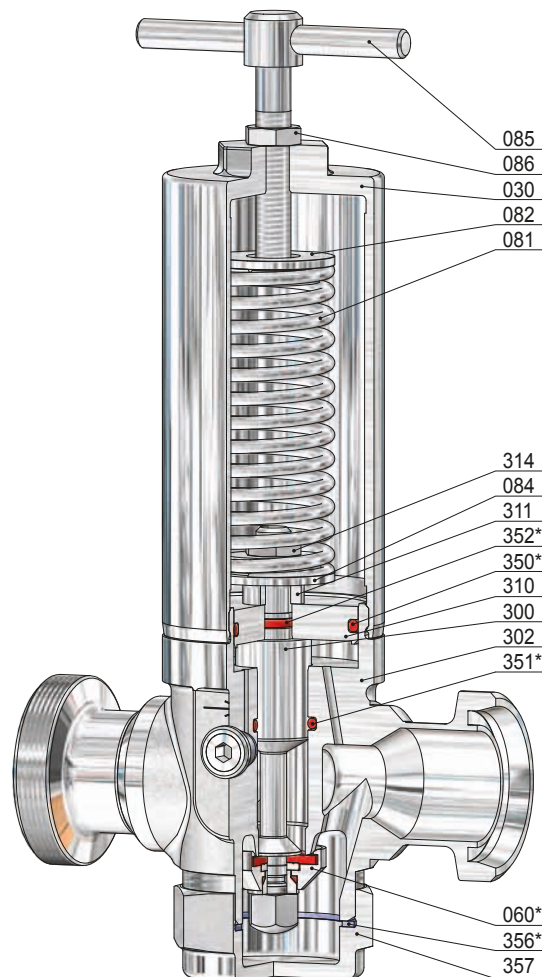
**Typ 70
SKS**



Cap
(Option: AC)



Manometer connection G 1/4



Size II

Item	Piece	Description	Item	Piece	Description
302	1	valve body	086	1	lock nut
030	1	spring bonnet	120	1	cap
060 *	1	disc, complete	300	1	piston
560	1	disc	310	1	piston plate
061	1	pressure piece	311	1	distance bush
062	1	soft sealing	314	1	screw
065	1	disc bolt	350 *	1	o-ring
071	1	o-ring	351 *	1	o-ring
072	1	locking ring	352 *	1	o-ring
073	1	o-ring (only for thermoplastics soft sealing)	356 *	1	sealing ring
081	1	spring	357	1	bottom plug
082	1	springplate, upper	380	2	screw plug
084	1	springplate, lower	381 *	2	sealing ring
085	1	adjusting screw			

* expendable parts

Niezgodka GmbH



Authorized Distributor
Quko Int'l Development Limited
Unit B, 17/F, EGL Tower, 83 Hung To Road, Kwun Tong,
Kowloon, Hong Kong, China
Tel: (852) 2344 0201 Fax: (852) 2343 6078
Email: sales@qukointl.com Website: www.qukointl.com

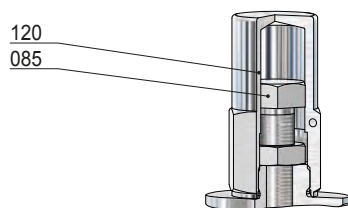
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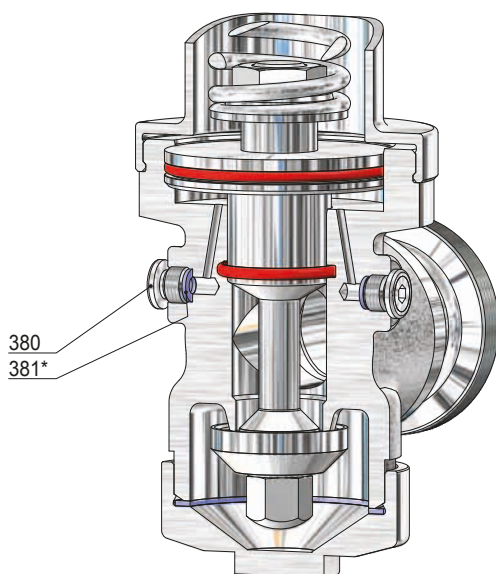
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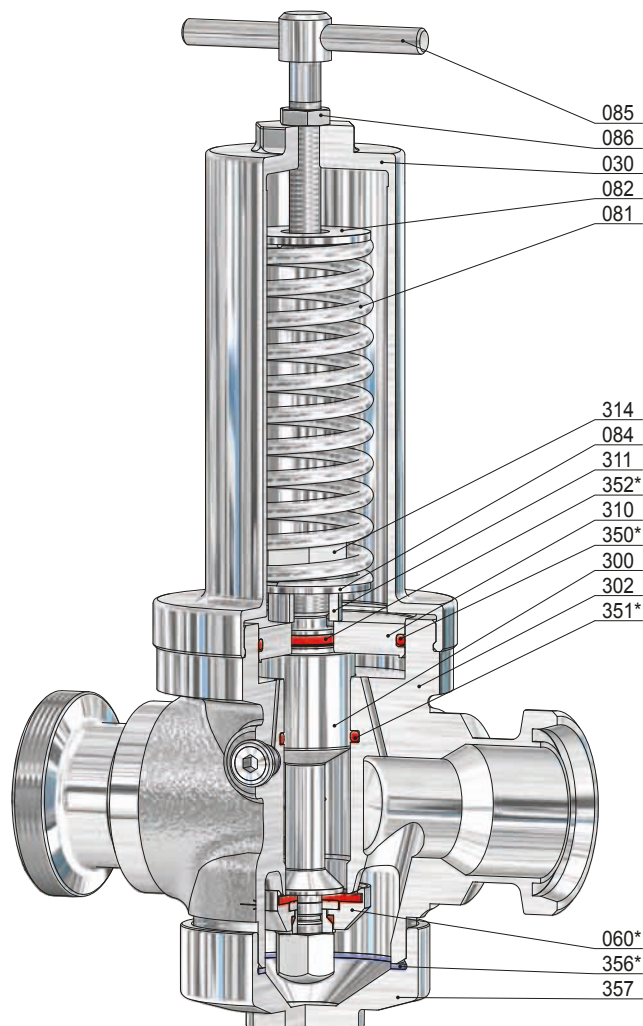
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Cap
(Option: AC)



Manometer connection G 1/4



Size III

Item	Piece	Description	Item	Piece	Description
302	1	valve body	086	1	lock nut
030	1	spring bonnet	120	1	cap
060 *	1	disc, complete	300	1	piston
560	1	disc	310	1	piston plate
061	1	pressure piece	311	1	distance bush
062	1	soft sealing	314	1	screw
065	1	disc bolt	350 *	1	o-ring
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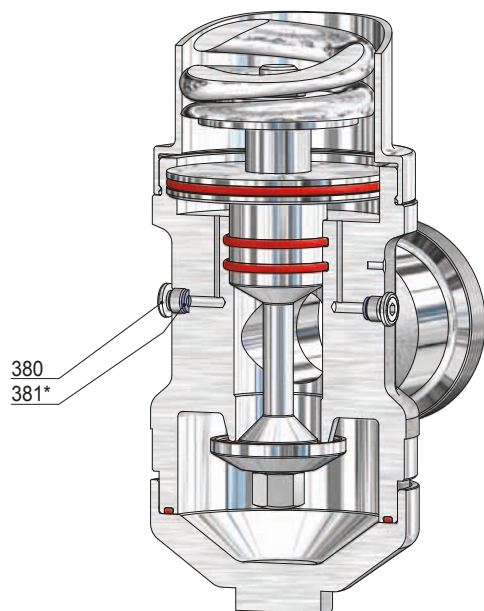
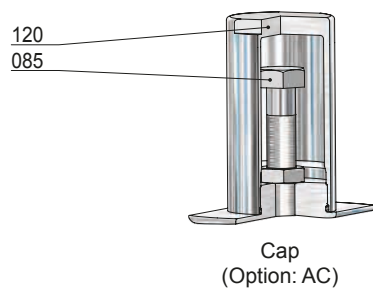
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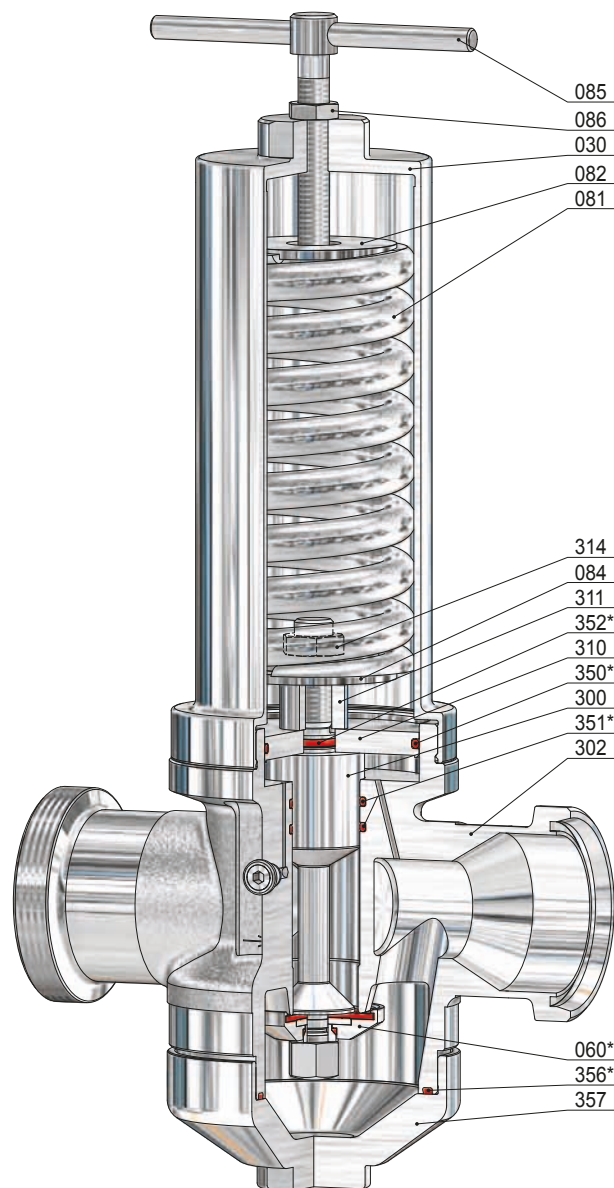
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Manometer connection G 1/4



Size IIIB

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060 *	1	disc, complete	300	1	piston
560	1	disc	310	1	piston plate
061	1	pressure piece	311	1	distance bush
062	1	soft sealing	314	1	screw
065	1	disc bolt	350 *	1	o-ring
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