Technical specification:

Ordercode output, line 1:	K7SMB1K4ZH03M68M09I63J54X08V61
Ordercode output, line 2:	V71L20J25MA3H01L23L34N68
Medium:	Liquid
	Liquid
Inlet body material:	1.4404/316L
	1.4404 / 316L
Threaded inlet connection:	(V61)
	male thread NPT 1/2 according to ASME B1.20.1
Threaded outlet connection:	(V71)
	female thread NPT 1 according to ASME B1.20.1
Nominal diameter inlet:	NPT 1/2
Nominal diameter outlet:	NPT 1
Pressure rating inlet:	PN 700
Pressure rating outlet:	PN 160
d0 (ASME-DIN) [mm]	6.0
Set pressure:	689.00
Pressure unit:	bar-g
Set pressure [bar-g]	689.00
Set pressure in [psi-g]	9,993.10
Superimposed back pressure:	constant
	constant superimposed back pressure
Const.superimp. back pressure:	0.04
Cdtp-calculation is based on:	Differential pr proces constbp
	Differential pressure process (set pressure minus superimposed back pressure)
CDTP [bar-g]	688.96
CDTP [psi-g]	9,992.52
Operating temperature:	70
Temperature unit:	°C - Celsius
Operating temperature in °C:	70.00
Operating temperature in °F:	158
Seat:	(L20)
	inlet body with sealing surface stellited
Metal disc / mat.:	(J25)
	1.4404/ 316L, disc bull race version with stellited sealing surface and detachable lifting aid
Gasket material:	(MB1)
	gasket material Graphite/1.4401
Adjusting screw material:	(K7S)
	Adjusting screw material:1.4404/ 316L
Bonnet material:	(J54)
	Bonnet material 1.4408 / CF8M, casted design
Spring material:	(X08)
	2.4669 (Inconel X750)
Material certification for:	(H01)
	Body – Item 1 with Material certification 3.1 acc. to DIN EN 10204
Material certification for:	(L23)
	Disc - Item 7 with Material certification 3.1 acc. to DIN EN 10204
Material certification for:	(L34)
	Outlet body – Item 2 with Material certification 3.1 acc. to DIN EN 10204
Design specification:	(N68)
	Approval according to ASME Sec. XIII for ASME VIII DIV. 1 (UV Stamp)
Documentation:	(H03)
	LESER CGA Certificate for Global Application inspection certificate 3.1 acc. to DIN

	EN 10204
Documentation:	(M68) Inspection certificate 3.1 acc. to DIN EN 10204: Hydrostatic pressure test of body and further pressure-containing components acc. to LGS 0209
Pressure setting:	(M09) with water
Alpha d S/G:	0.81
Alpha d L:	0.70

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