

## 8113.0760

<b>Technical specification:</b>	
Ordercode output, line 1:	I09R26R30H03M68N55N56P90X04L39
Ordercode output, line 2:	H89H79H67H07R46R71R01R04R17R07
Ordercode output, line 3:	H01L23L59R75R76R77R78R79N68
Pilot Operated Safety Valve:	1
Set pressure:	83.00
Back pressure:	6.78
Pressure unit:	bar-g
Set pressure [bar-g]	83.00
Set pressure in [psi-g]	1,203.81
Operating temperature:	16
Temperature unit:	°C - Celsius
Operating temperature in °C:	16.00
Operating temperature in °F:	61
setting tolerance ( ± 1% )	3% - 7%
Medium:	Gases
	Gases
Design specification:	(N68)
	Approval acc. to ASME Sec. VIII Div. 1 (UV-stamp)
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:	(L59)
	Seat or Nozzle - Item 5 with Material certification 3.1 acc. to DIN EN 10204
Material certification for:	(R75)
	Piston device – Item 6.1 (POSV/Mainvalve) with Material certification 3.1 acc. to DIN EN 10204
Material certification for:	(R76)
	Cover – Item 9 (POSV/Mainvalve) with Material certification 3.1 acc. to DIN EN 10204
Material certification for:	(R77)
	Piston guide – Item 6.5 (POSV/Mainvalve) with Material certification 3.1 acc. to DIN EN 10204
Material certification for:	(R78)
	Body pilot - Item 1 (POSV) with Material certification 3.1 acc. to DIN EN 10204
Material certification for:	(R79)
	Bonnet pilot - Item 9 (POSV) with Material certification 3.1 acc. to DIN EN 10204
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
Documentation:	(N55)
	PMI RFA - Positive material identification check including inspection certificate 3.1 acc. to DIN EN 10204 (Disc)
Documentation:	(N56)
	PMI RFA - Positive material identification check including inspection certificate 3.1 acc. to DIN EN 10204 (Seat/nozzle)
Inspections:	(I09)
	Final Inspection
Pilot:	*****
Pilot design	Pop Action
	Pop Action
Spring material:	(X04)
	spring material stainless steel 1.4310
TAG-No., Valve 1:	1-PSV-163
MainValve:	*****
Seat design	API Orifice
	API Orifice
Body material:	(H07)
	Body made of material LCB
Cover material:	(R46)
	1.4404/316L
Nominal diameter inlet:	NPS 3"
Nominal diameter outlet:	NPS 4"
Pressure rating inlet:	(H67)
	600 lbs according to ASME B 16.5
Pressure rating outlet:	(H79)
	150 lbs according to ASME B 16.5
Flange facing inlet:	(H89)
	Serrated spiral finish, Ra=3,2-6,3
Flange facing outlet:	(L39)
	serrated spiral finish (Ra = 3,2 - 6,3 µm) according to ASME B 16.5
O-ring, seals pos.61	(R04)
	soft seal FKM "L"
O-Ring, piston	(R17)
	with soft seal FKM "L"
Metal disc / mat.:	(R71)
	out of mat. 1.4571 / 1.4404
Painting:	(P90)
	3-layer coating system in RAL 5005 for temperature to 120°C for industrial areas and coastal areas with moderate salinity and chemical plants similar to C4 (ISO 12944) acc. LID 1608.04
Accessories	*****
Field Test Connector	(R26)
	included
Pilot Supply Filter:	(R30)
	included

### General Information

Replacement valve for S/N: 10906165

## 5263.5032

### Technical specification:

Ordercode output, line 1:	K7RK2RI09MB1K4XH03M22M68N2AN55
Ordercode output, line 2:	N56K3FP2CJA2X00L39L58H80H69H07
Ordercode output, line 3:	L8AL65S01J24H01L23L30L59N68
Medium:	Gases
Body material:	Gases (H07) Body made of material LCB
Nominal diameter inlet:	NPS 1 1/2"
Nominal diameter outlet:	NPS 2"
d0 (ASME-DIN) [mm]	14.0
Pressure rating inlet:	(H69) 1500 lbs according to ASME B 16.5
Pressure rating outlet:	(H80) 300 lbs according to ASME B 16.5
Flange facing inlet:	(L58) Ring Joint Facing (RTJ) according to ANSI B 16.5
Flange facing outlet:	(L39) serrated spiral finish (Ra = 3,2 - 6,3 µm) according to ASME B 16.5
Set pressure:	142.00
Pressure unit:	bar-g
Set pressure [bar-g]	142.00
Set pressure in [psi-g]	2,059.54
CDTP [bar-g]	142.93
CDTP [psi-g]	2,073.00
Operating temperature:	145
Temperature unit:	°C - Celsius
Operating temperature in °C:	145.00
Operating temperature in °F:	293
Nozzle material:	(L65) Nozzle material: 1.4404/316L stellitede
Metal disc / mat.:	(J24) 1.4122, disc bull race version with detachable lifting aid
Guide material:	(K3F) Guide material: 1.0501
Spindle material:	(K4X) Spindle material: 1.4021
Lock screw material:	(K2R) Lock screw material: 1.4404/ 316L
Bonnet material:	(JA2) Bonnet material 1.0619/ WCB/ WCC/ LCB/ LCC
Spring material:	(X00) default material
Stud bolt material Pos. 55	(L8A) Material stud bolts pos. 55: 1.4401
Nuts material Pos. 56	(L9A) Material nuts pos. 56: 1.4401
Painting:	(P2C) 2-layer coating system RAL 5005 acc. LID 1608.02
Specials:	(S01) Special body/inlet body
Inspections:	(I09) Final Inspection
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:	(L30) Bonnet - Item 9 with Material certification 3.1 acc. to DIN EN 10204
Material certification for:	(L59) Seat or Nozzle - Item 5 with Material certification 3.1 acc. to DIN EN 10204
Design specification:	(N68) Approval acc. to ASME Sec. VIII Div. 1 (UV-stamp)
Documentation:	(H03) LESER CGA Certificate for Global Application inspection certificate 3.1 acc. to DIN EN 10204
Documentation:	(M22) Inspection certificate 3.1 acc. to DIN EN 10204: Seat tightness test
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
Documentation:	(N2A) Inspection certificate 3.1 acc. to DIN EN 10204: radiographic test acc. to LGS 0206 and ASME Sec. VIII / ASME B16.34 Appendix 1 for critical areas of the body in casted design
Documentation:	(N55) PMI RFA - Positive material identification check including inspection certificate 3.1 acc. to DIN EN 10204 (Disc)
Documentation:	(N56) PMI RFA - Positive material identification check including inspection certificate 3.1 acc. to DIN EN 10204 (Seat/nozzle)