

PRESSURE RELIEF VALVES

SDD 911



- All wetted parts in plastic
- Protection of pumps and process lines
- Body parts: Glass fibre reinforced PPH
- Diaphragm: PTFE coated EPDM
- Adjustable from 0.5 to 10 bar
- From ND 15 to ND 25

APPLICATION AND FITTING

A pressure relief valve SDD 911 limits the static pressure to a constant and maximal settled value by opening the outlet (to the discharge line) when the pressure is overriding.

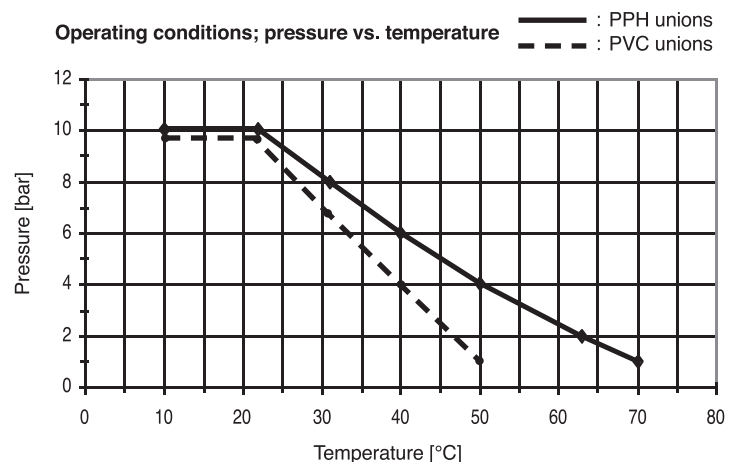
An EPDM diaphragm, PTFE coated, separates the mechanical parts body and the channel. All wetted parts are in plastics. The seat seal is in EPDM or FPM according to the model and connections.

Without any metallic parts exposed to the atmosphere it allows a location in corroding vapours.

The SDD 911 valves may be used as pressure relief valves on volumetric pumping system. These equipment protection devices may be fitted in any position, in line, or on by-pass according to the application.

TECHNICAL FEATURES

Body parts:	Glass fibre reinforced PPH
Diaphragm:	PTFE coated EPDM
Seat seal and O-rings:	EPDM or FPM
Pressure:	Class PN 10 (at 20°C) ; [bar]
Dimensions:	ND 15 to ND 25
Hysteresis:	Approx. 0.3 bar
Connections:	DIN 8068 threaded PVC union to glue on site PPH union to weld on site
Temperature limits:	PPH; 10 to 70°C – PVC; 10 to 50°C



BAMO MESURES

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SDD 911

25-08-2015

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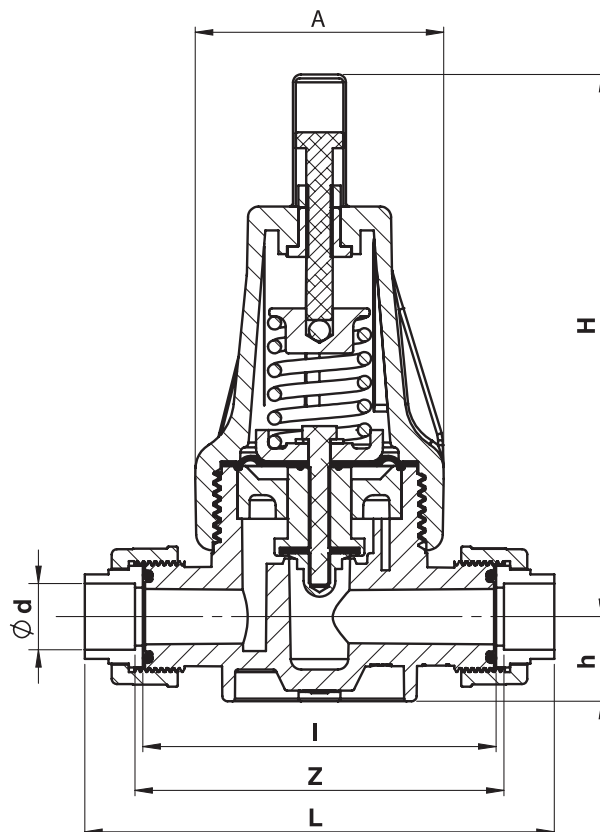
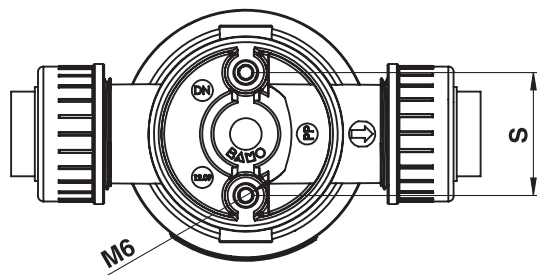
CODE NUMBERS

SDD 911 with PVC unions to be glued on site		
ND	Sealing EPDM	Sealing FPM
ND 15	911 002	911 012
ND 20	911 003	911 013
ND 25	911 004	911 014

SDD 911 with PPH unions to be welded on site		
ND	Sealing EPDM	Sealing FPM
ND 15	911 102	911 112
ND 20	911 103	911 113
ND 25	911 104	911 114

Any other material or model: please contact us

DIMENSIONS



ND	d [mm]	A [mm]	H [mm]	h [mm]	I [mm]	S [mm]	Z [mm]		L [mm]		Mass [Kg]
							PVC	PPH	PVC	PPH	
ND 15	20	80	186	24	112	40	118	118	152	151	0,53
ND 20	25	94	210	32	132	46.5	138	138	176	175	0,93
ND 25	32	94	210	32	132	46.5	138	138	182	179	0,96

FLOW RATE LIMITS

ND	Flow rate [L/h] *	Kv [L/h] **
ND 15	2000	2380
ND 20	3500	6160
ND 25	5500	7870

* Measured maxima according to a fluid speed of 3 m/s approx.
The speed of 3 m/s may be considered as a maximum.
Above 3 m/s the plastic devices will be damaged.

** For water at 20°C

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