

82900, Lf. 54 2/2-way diaphragm valves

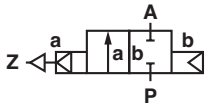
- Port size: DN 20 ... 65,
Tank valve execution
- High flow rate
- Clear, compact design
- One-piece diaphragm



Technical features

Medium: Air	Port size: DN 20, DN 25, DN 40, DN 50	Cleaning gas temperature: –40 ... +85°C (–40 ... +185°F)	Material: Cover: Aluminium Seat seal: TPE
Switching function: Normally closed	Operating pressure: 0,4 ... 8 bar (5,8 ... 116 psi)	Ambient temperature: –20 ... +85°C (–4 ... +185°F)	
Operation: Remote pilot operated	Pilot connection: G1/8		
Mounting position: Optional			
Flow direction: Determined			

Technical data – standard models

Symbol	Orifice (mm)	Valve length (mm)	Flow kv value *1) (m³/h)	Operating pressure		Weight (kg)	Model
	20/25	95	22	0,4 ... 8	5,8 ... 116	0,14	8290454.0000.00000
	40	135	59	0,4 ... 8	5,8 ... 116	0,52	8290654.0000.00000
	50	170	80	0,4 ... 8	5,8 ... 116	0,85	8290754.0000.00000

*1) Cv-value (US) ≈ kv value x 1,2

Option selector

Orifice	Substitute
20/25	4
40	6
50	7

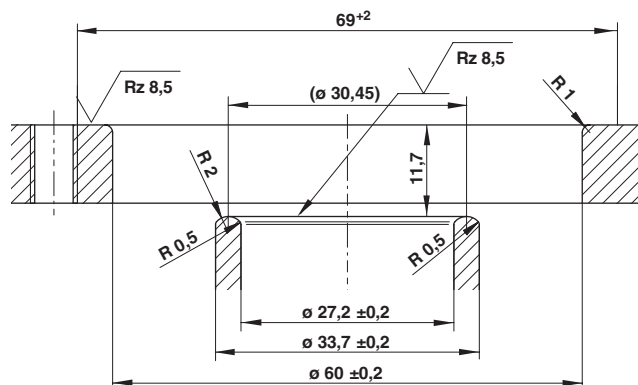
8290***.0000.00000

Valve options	Substitute
Tank valve execution without valve housing	54
Dusty gas temperature version –10 ... +140°C (+14 ... +284°F) Seat seal ECO/FPM, Ambient temperature –10 ... +100°C (+14 ... +212°F) (DN 20 + DN 25) Cleaning gas temperature –10 ... +85°C (+14 ... +185°F) (DN 40 ... DN 65)	60
One level, to 4,5 bar (65 psi) (only DN 40)	90

Further versions on request!

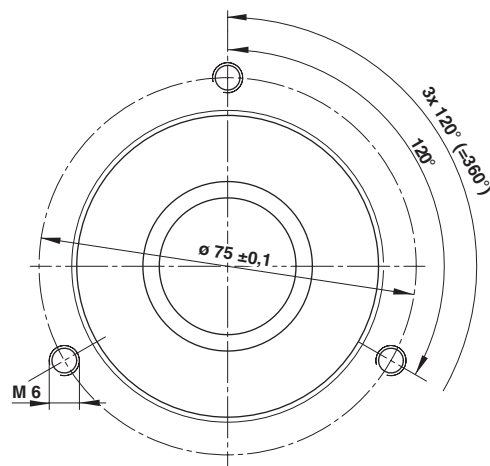
Dimensions

Valve Seat 8290454

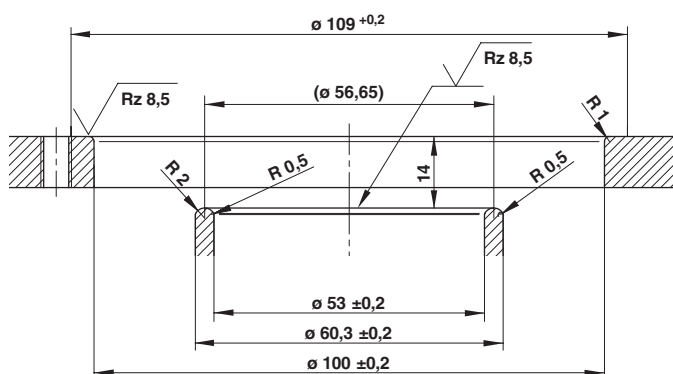


Hole Pattern 8290454

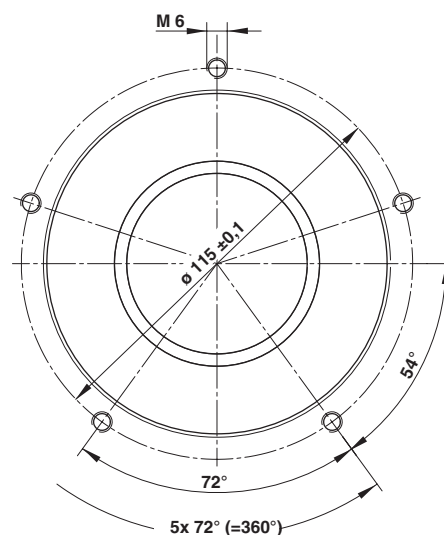
Dimensions in mm
Projection/First angle



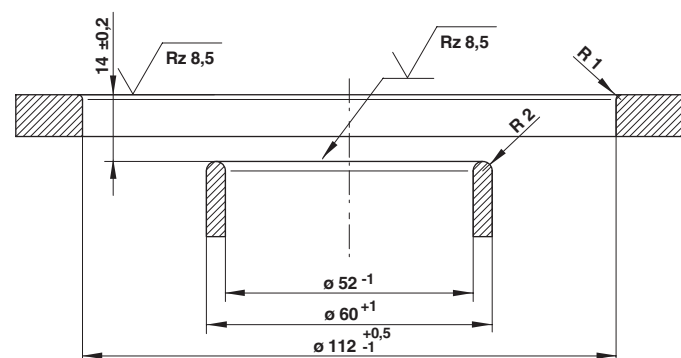
Valve Seat 8290654



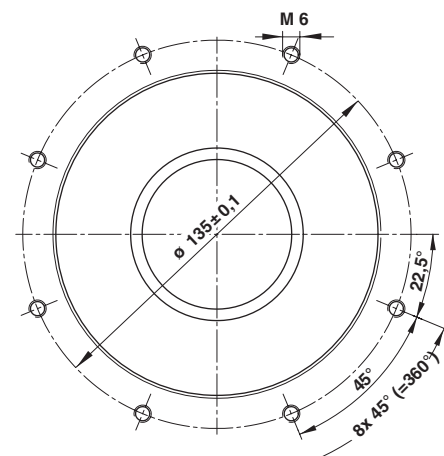
Hole Pattern 8290654



Valve Seat 8290754



Hole Pattern 8290754



Note to Pressure Equipment Directive (PED):

The valves of this series are according to Art. 4 § 3 of the Pressure Equipment Directive (PED) 2014/68/EU. This means interpretation and production are in accordance to engineers practice well-known in the member countries.

A certificate of conformity is not designated.