

ELECTRIC ROTARY SERIE



The electric dampers represent an advanced and highly automated solution for air flow control.

Thanks to the electrical control, they offer continuous operation and can be easily integrated into more complex automation systems.

The possibility of programming, synchronization with the working machine and remote control make them ideal for commercial and industrial applications.

The flexibility and operational efficiency of the rotary type make electric dampers an excellent choice for environments where precise control and centralized

management is required.

The valve is supplied standard with edges, rotary actuator and sealing O-ring on the pin.

TECHNICAL DATA

- Available sizes: Ø80 ÷ Ø500
- Maximum speed of air: 35 m/s
- Maximum working depression 500 mmH₂O
- Working temperatures: -20°C ÷ 80°C
- Closing time: 150s
- Specifications electric actuator: see the table below

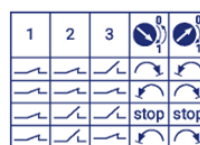
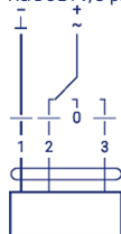
Specifications electric actuator			
Shutter size	Ø80÷280	Ø300÷400	Ø420÷500
Actuator Torque [N]	5	10	20
Power [VA]	1.5	3.5	4
Voltage [V]	230V AC or 24V AC/DC	230V AC or 24V AC/DC	230V AC or 24V AC/DC
Type of wiring	3 wires	3 wires	3 wires

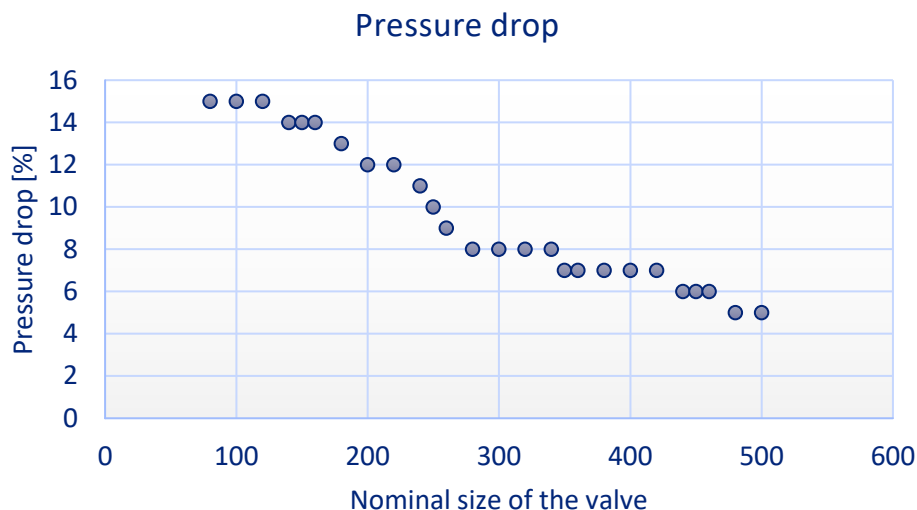
Colori dei fili:
1 = nero
2 = rosso
3 = bianco

Schemi elettrici
AC/DC 24 V, on/off



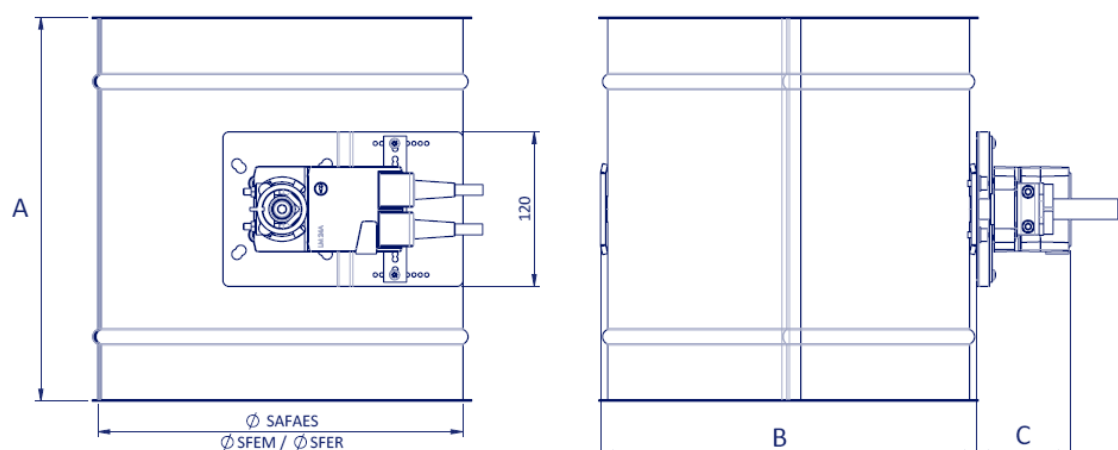
AC/DC 24 V, 3-punti





DIMENSIONS

Ø [mm]	Mass [kg]	A [mm]	B [mm]	C [mm]	Body Thickness [mm]	Diaphragm Thickness [mm]	Ø Pin [mm]	STD Cylinder
80	2,4	148	90	70	10/10	20/10	10	27x100
100	2,4	148	110	70	10/10	20/10	10	27x100
120	2,6	148	130	70	10/10	20/10	10	27x100
140	2,8	148	150	70	10/10	20/10	10	27x100
150	2,8	168	160	70	10/10	20/10	10	27x100
160	3	168	170	70	10/10	20/10	10	27x100
180	3,5	168	190	70	10/10	20/10	10	27x100
200	4	218	212	70	12/10	30/10	16	27x100
220	4,5	218	232	70	12/10	30/10	16	27x100
240	5	248	252	70	12/10	30/10	16	27x100
250	5,5	248	262	70	12/10	30/10	16	27x100
260	6	248	272	70	12/10	30/10	16	27x100
280	6,5	298	292	70	12/10	30/10	16	27x100
300	7	298	312	74	12/10	30/10	16	32x100
320	7,5	298	332	74	12/10	30/10	16	32x100
340	8	348	352	74	12/10	30/10	16	32x100
350	8,5	348	362	74	12/10	30/10	16	32x100
360	9	348	372	74	12/10	30/10	16	32x100
380	10	398	392	74	12/10	30/10	16	32x100
400	11	398	412	74	12/10	30/10	16	32x100
420	12	398	432	76	12/10	30/10	16	40x100
440	12,5	398	452	76	12/10	30/10	16	40x100
450	13	398	462	76	12/10	30/10	16	40x100
460	13,5	398	472	76	12/10	30/10	16	40x100
480	14	398	492	76	12/10	30/10	16	40x100
500	15	398	512	76	12/10	30/10	16	40x100



CHARACTERISTICS ON REQUEST

- ⊙ Other materials: Stainless Steel AISI 304 or AISI 316
- ⊙ Other edges: smooth edges
- ⊙ Additional equipment: Smooth flanges or Pressed flanges
- ⊙ **Available upgrades:**
 - Pin on bearings
 - Bushing with OR seat, mounted on the front and rear flange in order to avoid oily fluid leakage from the diaphragm rotation pin
 - Modulating actuator for partial closure
 - Spring actuator. The actuator moves the damper to its normal working position, while charging the return spring. Damper returns to safe position with spring energy when power is cut off.
 - Diaphragm with felt seal (see picture)
 - Diaphragm with silicone seal (see picture)
 - Diaphragm with fibro-ceramic seal (see picture)

