

3 WAYS MOTORIZED ZONE VALVE ZONNY
 CONNECTIONS: DISMANTLING FITTINGS MALE



DESCRIPTION

The 3 way zone valve **ZONNY** is used to divert the flow coming from the inlet duct towards the left or right outlet. They are mainly installed in heating systems and for the production of domestic hot water to redirect the heat source from one system to another. It is also employed in industrial plants (under compatible operating conditions) where interception and servo-controlled diversion are required. The valve, by performing a 90° rotation, closes one outlet while simultaneously opening the other; for a moment during the maneuvering phase, all three paths are in communication with each other. The activation of the circulator/pump (up to 1 A) can be done directly using the contacts of the valve. The normally open contact (N.A.) allows controlling any other device up to a maximum of 2 A.

TECHNICAL FEATURES

Pressure:	
maximum allowable working pressure (PN)	16 bar
differential pressure max.	16 bar
Temperature:	
maximum allowable fluid temperature (TS)	0° C ÷ 110° C
ambient working temperature	-10° C ÷ 50° C
Compatible fluids:	
heat transfer fluids	in compliance with Italian national standards UNI 8065 § 6
water	
glycolate solutions	glycol 50%
Threading:	
pipeline connection	threads according to ISO 228/1
Requirements and tests as per:	EN 8156

ELECTRICAL FEATURES

Supply voltage	220 ÷ 230 VAC 50 ÷ 60 Hz
Protection class	IP 54
Power consumption	3.9 VA
Torque	8 Nm
Operating time	45 sec (rotation 90°)
Micro-switch contact capacity	250V - 1 A max. resistive
Electric protection	double isolation
Cable length	0,8 m
In compliance with European Directives	2014/30/UE and 2014/35/UE CE mark

DESIGN

Valve	
Body and sleeves	nickel-plated brass
Ball	chrome-plated brass
Other components	brass
Seat washers	P.T.F.E.
O-ring gaskets	EPDM peroxide rubber
Motor	
Servo-control lower case	polyamide with glass fiber
Supporting base and arrow	polyamide with glass fiber
Servo-control upper case	polyamide
Internal circuits	epoxy glass
Gears inside the servo-control	POM and sintered steel
Other details inside the servo-control	steel, copper, plastic

PRODUCT CODES

2403.015	dism. fittings male	1/2"
2403.020	dism. fittings male	3/4"
2403.025	dism. fittings male	1"

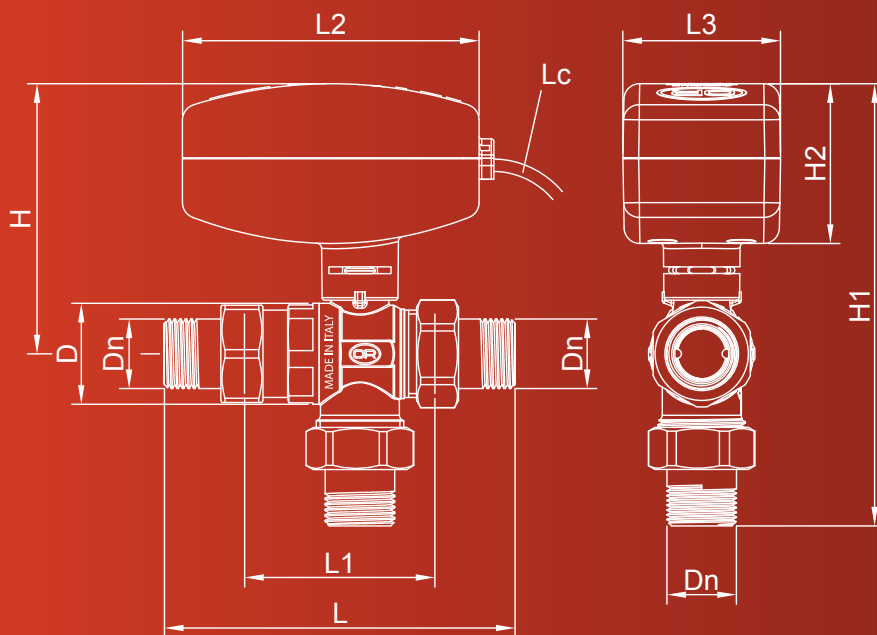


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2403 • 1/2" ÷ 1"

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FEATURES

Dn	D [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	Lc [mm]	H [mm]	H1 [mm]	H2 [mm]
1/2"	Ø33	115	60	113	60	~800	100	160	61
3/4"	Ø39	134	73	113	60	~800	103	169	61
1"	Ø47	150	80	113	60	~800	107	184	61

HEAD LOSS DIAGRAM

