

0232.0 • 3/8" ÷ 3/4"

0232.1 • 3/8" ÷ 3/4"

0232.3 • 1/2" - 3/4"



PRESSURE REDUCING VALVE WITH PISTON **SABO** PN 16 NICKEL-PLATED WITH GAUGE CONNECTION
 PRESSURE REDUCING VALVE WITH PISTON **SABO** PN 16 NICKEL-PLATED WITHOUT GAUGE CONNECTION

CONNECTIONS: FEMALE-FEMALE
 MALE-MALE



0232.0



0232.1



0232.3

DESCRIPTION

The **SABO** model pressure reducing valve is an automatic valve that reduces and stabilizes the pressure of a fluid in a water distribution conduit according to a preset value. Its reduced size, silent operation and internal self-cleaning seat render this valve ideal for use in small systems such as apartments and single-family households (according to EN 806-2 and EN 805) or as a safety device in boilers or automatic beverage distributors. The nickel-plated surface, besides giving it a pleasing appearance, protects against corrosion and calcareous scaling. Given the valve's elevated flow capacity even with its reduced dimensions, it can be used directly on main distribution networks, where the water pressure reaches up to 16 bar. The internal piston structure guarantees rigidity, strength and an enhanced regulation precision thanks to the compensated seat. The O-rings, in anti stick-slip Perox EPDM elastomer with a low friction coefficient, are durable and require only limited maintenance interventions. The internal finish of the body and the broader dimensions of the passage allow an elevated flow even with a small water draw. This product adheres to the standards set forth by the European health authorities for the transport of alimentary fluids and potable water.

ATTENTION: THE PRESSURE GAUGE CONNECTABLE ON THE PRESSURE REDUCING VALVE INDICATES THE ALREADY REDUCED PRESSURE (Ps) OF THE OUTGOING LIQUID.

TECHNICAL FEATURES

Pressure:	
maximum allowable working pressure (PN)	16 bar
outlet settings (Ps)	from 1 to 5,5 bar
Ps value set during testing	3 bar
outlet Ps set tolerance on varying inlet pressure	±10 %
Temperature:	
maximum working temperature (Ts)	0°C (excluding ice) ÷ 130 °C
Compatible fluids:	
water	
glycolate solutions	glycol 50%
compressed air	
Threading:	
pipeline connection	threads according to ISO 228/1
gauge connection (not for valve 0232.1)	EN 10226 - Rp1/4"
Tests according to:	
verification of the deviation from the pre-set pressure (Ps)	according to EN 1567 § 8.3.2
verification of the set point range	according to EN 1567 § 8.3.1
Certifications:	
ACS	

DESIGN

Body	brass nickel-plated CW617N
Bonnet	brass nickel-plated CW617N
Piston	brass CW614N and polyamide reinforced with glass fibers
Other components	brass CW614N
O-ring washers	EPDM peroxide-cured
Seat gaskets	EPDM peroxide-cured
Setting spring	galvanized steel EN 10270-1 SM

PRODUCT CODES

0232.012 F/F 3/8" with gauge conn.	0232.112 F/F 3/8" without gauge conn.	0232.315 M/M 1/2" with gauge conn.
0232.015 F/F 1/2" with gauge conn.	0232.115 F/F 1/2" without gauge conn.	0232.320 M/M 3/4" with gauge conn.
0232.020 F/F 3/4" with gauge conn.	0232.120 F/F 3/4" without gauge conn.	



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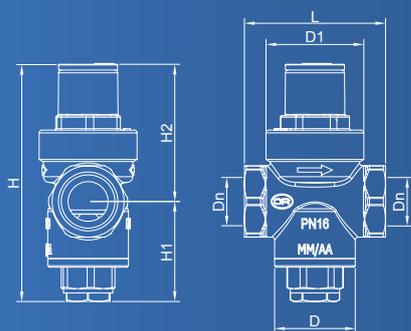
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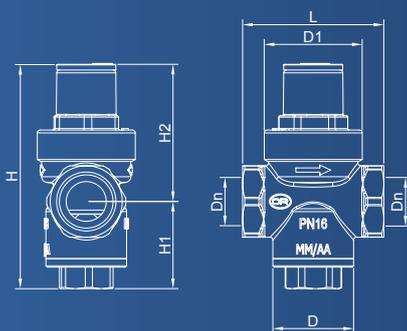
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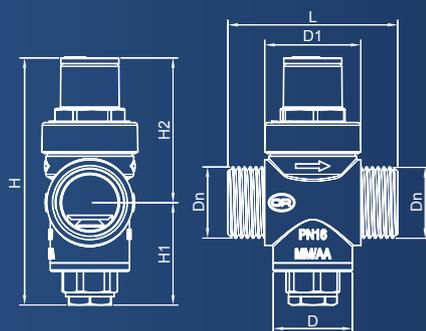
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0232.0



0232.1



0232.3

FEATURES

0232.0

Dn	D [mm]	D1 [mm]	L [mm]	H [mm]	H1 [mm]	H2 [mm]
3/8"	Ø28	Ø34	49	84	35	49
1/2"	Ø28	Ø34	49	84	35	49
3/4"	Ø28	Ø34	50	89	36	53

0232.1

Dn	D [mm]	D1 [mm]	L [mm]	H [mm]	H1 [mm]	H2 [mm]
3/8"	Ø28	Ø34	49	77	28	49
1/2"	Ø28	Ø34	49	77	28	49
3/4"	Ø28	Ø34	50	82	29	53

0232.3

Dn	D [mm]	D1 [mm]	L [mm]	H [mm]	H1 [mm]	H2 [mm]
1/2"	Ø28	Ø34	65	84	35	49
3/4"	Ø28	Ø34	60	89	36	53

FLOW GRAPHIC

