



technische import

Produkt informatie



0210.0 • 3/4"

0210.1 • 1/2" - 3/4"

NF MARK



PRESSURE REDUCING VALVES WITH DIAPHRAGM PN 25
WITH STAINLESS STEEL SEAT - NF CERTIFIED

CONNECTIONS: FEMALE - FEMALE
MULTI-THREADED ADAPTORS



0210.0



0210.1

* Certification in progress. Expected date March 2023.

DESCRIPTION

The pressure reducing valve **PN 25** with diaphragm NF certified is an automatic valve that reduces and stabilizes the fluid pressure in a water distribution conduit according to a preset value. The use of this hydraulic device is necessary if the maximum possible pressure at any point in the water distribution system can reach or exceed the relative maximum allowable working pressure, or if connectable to apparatus and equipment that function exclusively at lower levels of pressure. The enhanced mechanical strength of the shell and its internal components renders this valve particularly suitable for sanitary installations for water distribution outside buildings (EN 805), where the water pressure in the water mains may reach values as high as 25 bar. Further, the compensated seat offsets the influence that variations in upstream pressure may have on the downstream pressure. The flexible diaphragm in reinforced EPDM rubber in conjunction with the antistick-slip O-ring made of Perox EPDM rubber, they allow a precise and long-lasting pressure regulation. The internal finish of the valve's body and the absence of moving parts guarantee an elevated flow capacity, even when the water draw is minimal. The diaphragm-type, NF certified pressure reducing valve **PN 25** is used in heating systems, sanitary installations for water supply, irrigation systems, compressed air (not oil mist) distribution systems, sanitary installations for water supply within buildings, according to EN 806-2 and for fire suppression piping. (It should nevertheless be borne in mind that local government standards for fire protection must always be observed). 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 TO THE PRESSURE REDUCING VALVE INDICATES THE ALREADY-REDUCED PRESSURE (Ps) OF THE OUTLET LIQUID FLOW.

TECHNICAL FEATURES

Pressure:	
maximum allowable working pressure (PN)	25 bar
outlet settings (Ps)	from 1 to 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) ÷ 80 °C
Compatible fluids:	
water	
glycolate solutions	glycol 50%
compressed air	not oil mist
Threading:	
pipeline connection	threading according to ISO 228/1
gauge connection	threading according to EN 10226-Rp1/4"
Tests according to:	
NF 079	
UNI EN 1567	

DESIGN

Body	brass
Bonnet	glass fiber reinforced plastic co-molded with brass insert
Internal pawl and caps for pressure gauge connections	glass fiber reinforced plastic
Other components	brass
Diaphragm	reinforced Perox EPDM rubber
Seat gasket	Perox EPDM rubber
O-ring washers	Perox EPDM rubber
Calibration spring	galvanized steel
Insert seat and locknut	stainless steel
Top cap	thermoplastic rubber

PRODUCT CODES

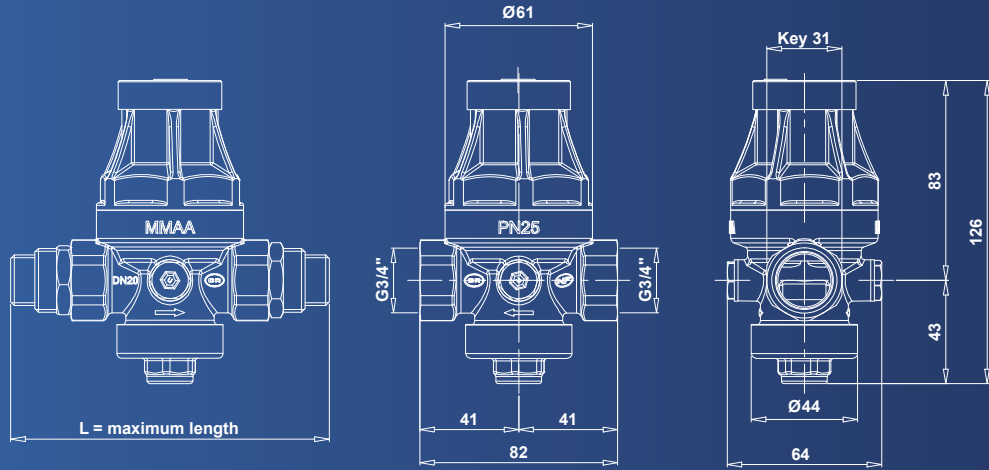
0210.020	female/female	3/4"	
0210.120	female/female	3/4"	with multi-threaded adaptors

0210.0 • 3/4"

















0210.1 • 1/2" - 3/4"

PRESSURE REDUCING VALVES WITH DIAPHRAGM PN 25
WITH STAINLESS STEEL SEAT - NF CERTIFIED

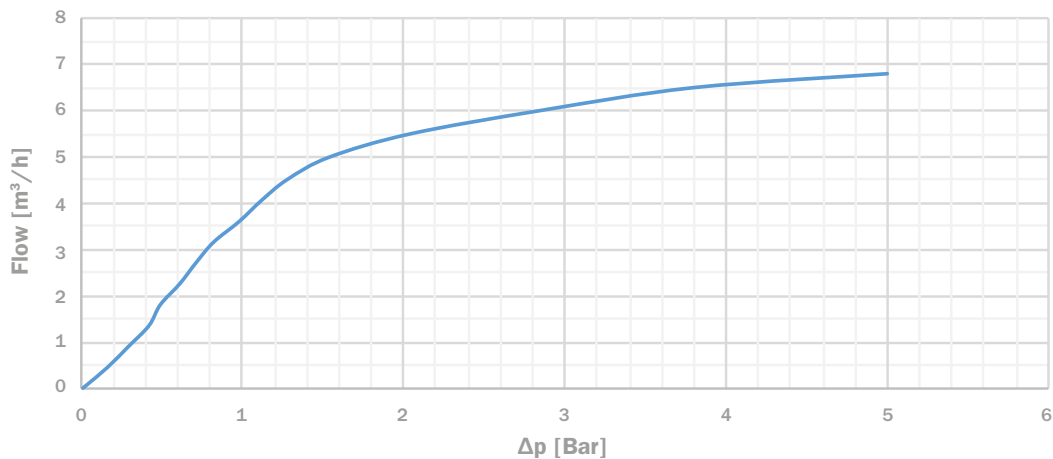
CONNECTIONS: FEMALE - FEMALE
MULTI-THREADED ADAPTORS



LENGTH OF THE POSSIBLE COMBINATIONS

		OUTLET			
		Male - 1/2"	Male - 3/4"	Female - 1/2"	Female - 3/4"
INLET	Male 1/2"	 L=132	 L=123	 L=123	 L=107
	Male 3/4"	 L=123	 L=114	 L=114	 L=98
	Female 1/2"	 L=123	 L=114	 L=114	 L=98
	Female 3/4"	 L=107	 L=98	 L=98	 L=82

FLOW GRAPHIC



All informations included in this catalogue, technical features, drawings and descriptions, are not binding and might be subject to variation at any time, without any forwarning. Any reproduction, even partially, is forbidden and legally pursuable.

