PRESSURE REDUCER FOR WATER

With piston operation

Product informations

Automatic valve that reduces and stabilizes the pressure of a fluid inside a distribution pipe according to the pre-set value; the use of this hydraulic device is necessary if the maximum possible pressure at any point of the water supply system can reach or exceed the relative maximum permissible operating pressure.

Product features

- suitable for water supply systems both outside and inside buildings
- the internal piston structure in loaded thermoplastic material guarantees rigidity, resistance and high adjustment precision, thanks to the compensated seat
- its gaskets with a low coefficient of static friction guarantee resistance to wear and limited maintenance interventions
- the internal finish of the body and the increased dimensions of the passages allow to obtain high flow rates even with small water withdrawals
- it can be installed on sanitary systems for water supply, irrigation systems, compressed air distribution systems (no nebulized oils) and on pipes for firefighting services
- suitable for transporting food fluids and drinking water (meets the specific requirements of the Ministry of Health)
- connection with female-female union included

Technical Features

SKU 70101 / 70102 / 70103 / 70104 / 70105 / 70106	
MAXIMUM WORKING PRESSURE	25 BAR

SKU 70101 / 70102 / 70103 / 70104 / 70105 / 70106	
REGULATION RANGE	FROM 1 TO 5,5 BAR (VALUE SET DURING TESTING: 3 BAR)
WORKING TEMPERATURE	0°C (EXCLUDING FROST) ÷ 130°C
COMPATIBLE FLUIDS	• WATER • GLYCOL SOLUTIONS (GLYCOL 50%) • COMPRESSED AIR
CONNECTIONS	• 1/2" FF - ***SKU 70101*** • 3/4" FF - ***SKU 70102*** • 1" FF - ***SKU 70103*** • 1"1/4 FF - ***SKU 70104*** • 1"1/2 FF - ***SKU 70105*** • 2" FF - ***SKU 70106***
PRESSURE GAUGE CONNECTION	EN 10226-RP1/4" (EX ISO7/1)
MATERIAL	• BODY: BRASS EN12165-CW617N • SCREWS: EN12165-CW617N • PISTON: GLASS FIBER REINFORCED POLYAMIDE PA66-GF30 (NYLON 66). • SEAT GASKET: NBR RUBBER • RINGS, O-RINGS, STATIC AND DYNAMIC SEALS: EPDM PEROX RUBBER • SETTING SPRING: GALVANIZED STEEL EN 10270-1 SM

CASE MATERIAL	ABS
GLASS MATERIAL	PLASTIC
QUADRANT MATERIAL	ABS
CLASS	1,6
MANUAL ELEMENT	COPPER ALLOY SPRING

TECNOGAS
I percorsi della tecnologia.

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WORKING TEMPERATURE	- 20°C ÷ + 80°C
COMPLIANT WITH THE STANDARD	UNI EN 837-1
CONNECTIONS	1/4" REAR CONNECTION
DIAMETER	Ø 50 MM
PRESSURE	0 ÷ 6 BAR

SKU	MODEL	PRICE
00000070101	PRESSURE REDUCER - Ø 1/2" FF - COMPLETE WITH PRESSURE GAUGE	€87.35 VAT EXCLUDED
00000070102	PRESSURE REDUCER - Ø 3/4" FF - COMPLETE WITH PRESSURE GAUGE	€104.9 VAT EXCLUDED
00000070103	PRESSURE REDUCER - Ø 1" FF - COMPLETE WITH PRESSURE GAUGE	€164.4 VAT EXCLUDED
00000070104	PRESSURE REDUCER - Ø 1" 1/4 FF - COMPLETE WITH PRESSURE GAUGE	€250.25 VAT EXCLUDED
00000070105	PRESSURE REDUCER - Ø 1" 1/2 FF - COMPLETE WITH PRESSURE GAUGE	€334.95 VAT EXCLUDED
00000070106	PRESSURE REDUCER - Ø 2" FF - COMPLETE WITH PRESSURE GAUGE	€424.85 VAT EXCLUDED
0000070101A	1/2" PRESSURE REDUCER FOR WATER WITHOUT PRESSURE GAUGE	ON REQUEST

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