



MX

Bourdon tube stainless steel pressure gauge



Stainless steel body
 Dial size 63 to 250 mm (MX)
 Dial size 63 to 150 mm (MXG)
 Optional: alarms

DESCRIPTION

MX

Entirely manufactured in stainless steel, these are particularly resistant to bad conditions of exercise and environment. These are used in chemical, petrochemical, canning, food and pharmaceutical industry.

MXG - Liquid filled

Same gauges of MX series but filled with liquid to reduce the stresses caused by the vibrations of installation, pulsating pressures or water hammers.

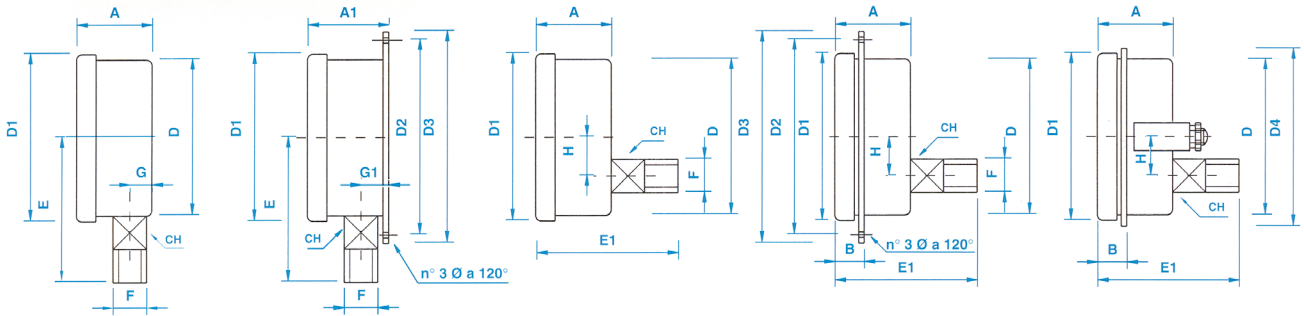
DESIGN FEATURES

Dial size (DS):	MX mm 63 - 80 - 100 - 150 - 200 - 250 MXG mm 63 - 80 - 100 - 150
Precisione:	class 1 (class 1,6 ϕ 63-80) according to EN837-1
Case and ring:	304 stainless steel with bayonet clutch, nitrile rubber NBR safety plug
Pressure connection:	316 stainless steel thread according UNI
Elemento elastico:	tubo trafilato senza saldature in AISI 316L ISO 28/1 G 1/4" A (ϕ 63 e 80) - G 1/2" A (ϕ 100 e 150 - 200 - 250)
Elastic element:	316L stainless steel seamless tube - TIG welding to the connection in controlled atmosphere
Movement:	304 stainless steel
Pointer:	black anodized aluminium; zero adjustment
Window:	glass 3 mm thick - plastic for MXG
Window gasket:	nitrile rubber NBR.
Dial:	white aluminium; black scale and gradution according to EN837-1

RANGES

VACUM AND COMPOUND GAUGES BAR				PRESSURE GAUGES BAR			
-1 / 0	-1 / 0 / 5	0 / 0,6	0 / 2,5	0 / 10	0 / 40	0 / 160	0 / 600
-1 / 0 / 0,6	-1 / 0 / 9	0 / 1	0 / 4	0 / 16	0 / 60	0 / 250	-
-1 / 0 / 1,5	-1 / 0 / 15	0 / 1,6	0 / 6	0 / 25	0 / 100	0 / 400	-
-1 / 0 / 3	-1 / 0 / 24	DN 63 e 80 max 1000 bar					

DIMENSIONS (MM) AND WEIGHTS (KG)



DN	D	D1	D2	D3	D4	ø	A	A1	B	CH	E	E1	F	G	G1	H	Ø PANEL DRILLING	WITH ELECTRIC CONTACTS AMAX	WEIGHT MX MXG
63	62	70	75	85	85	3,5	34	-	18	14	54	57	1/4"	10	-	18	66	-	0,2 - 0,3
80	79	88	95	106	90	4,5	40	44	20	14	62	65	1/4"	10	15	20	83	-	0,3 - 0,5
100	101	114	116	132	115	5	54	58	25	22	86	89	1/2"	18	22	32	105	83	0,8 - 1,1
150	149	162	178	195	162	6	54	58	25	22	110	89	1/2"	18	22	50	153	83	1,2 - 1,8

TECNICAL CHARACTERISTICS

Operating pressure:	costant: 75% V.F.S.	changeable: 60% V.F.S.
Operating temperature:	MX: ambient 30 ÷ 65°C	process fluid -40 ÷ 180°C
	MXG: ambient 5 ÷ 65°C	process fluid 5 ÷ 70°C
Overpressure:	up to 60 bar. 25% V.F.S. - from 100 bar: 15% V.F.S.	
Thermal drift:	max ±0,3% of span every 10°C of deviation from the reference temperature of 20°C	
Protection rating:	IP55 or IP65 (MXG) according to EN 60529.	
Liquid filled:	glycerol 90%	

Notes: in presence of ammonia, oxygen, nitric acid or other oxidizing products and in general for petrochemical industry, use of glycerine (MXG series) is inadvisable.

OPTIONS AND ACCESSORIES

Special scale:	single (bar/psi) and double (bar/Kpa).
Accessories:	special connections. Max/min/min & max dragging pointers (DS 100-150-200). Safety glass. Silicone oil filling (Tamb -30 ÷ 80°C). Degreasing for oxygen. Direct or remote diaphragm seals. Electric or inductive contacts (for DN 100-150). Dampeners. Siphons.

MOUNTING

