Precision Service



SPECIFICATIONS

ACCURACY ASME Grade 1A - $\pm 1.0\%$ of range across full scale

CASE SIZES 100mm diameter (4")

CASE MATERIAL 304 Stainless Steel

CASE STYLES LM - Lower Mount

TUBE & SOCKET 316 Stainless Steel Welded to Case

MOVEMENT Stainless Steel

CONNECTION ¼ NPT (H207xx), ½ NPT (H209xx)

RANGES Vacuum to 20,000 psi

DIAL STANDARD Dual scale psi and kPa

DIAL COLOR Black markings on white

POINTER

Aluminum, black painted, micro-adjustable

WINDOW Safety Glass (Tempered)

FILL MEDIUM See options

VENT Rubber plug with snip-off feature RESTRICTOR

Standard for all ranges

WEIGHT Filled 2.0 lb. Dry 1.3 lb.



NACE 100mm

QUALITY SERIES 100MM STAINLESS STEEL INTERNAL GAUGE

- Liquid Filled or Dry Field Fillable
- Adjustable Micrometer Pointer
- Ranges to 20,000 psi
- · Safety Glass Window

Marsh Stainless Steel gauges are built for extended life and are designed for harsh and corrosive environments. They feature a top fill plug, polished bayonet ring and are field fillable. Liquid filled gauges offer significant cushioning and dampening plus extend the life of a gauge.

Typical applications include Oil patch, Refineries, Oil Rigs, Control Panels, Offshore Platforms, Marine and General Industrial.

NACE: MR0175
 Gauges met NACE standards for material and hardness

STANDARD RANGES & PART NUMBERS

TYPE	QUALITY SER	IES 100MM S	SINTERNAL
Size	100mm	100mm	NACE 100mm
Case Material	Stainless Steel	Stainless Steel	Stainless Steel
Internals	316 SS	316 SS	316 SS
Mounting / Case Style	LM	LM	LM
Connection	¼ NPT	½ NPT	½ NPT
Scale Standard	psi/kPa	psi/kPa	psi/kPa
O to 30" Hg Vacuum	H20705	H20905	
O to 15 psi	H20740	H20940	HN20940
0 to 30 psi	H20742	H20942	HN20942
0 to 60 psi	H20746	H20946	HN20946
0 to 100 psi	H20748	H20948	HN20948
0 to 160 psi	H20752	H20952	HN20952
0 to 200 psi	H20754	H20954	HN20954
0 to 300 psi	H20758	H20958	HN20958
0 to 400 psi	H20760	H20960	HN20960
0 to 600 psi	H20764	H20964	HN20964
0 to 1,000 psi	H20772	H20972	HN20972
0 to 1,500 psi	H20774	H20974	HN20974
0 to 2,000 psi	H20776	H20976	HN20976
0 to 3,000 psi	H20778	H20978	HN20978
0 to 5,000 psi	H20782	H20982	HN20982
0 to 10,000 psi	H20790	H20990	HN20990
0 to 15,000 psi	H20792	H20992	HN20992
0 to 20,000 psi	H20794	H20994	HN20994

ALL DIMENSIONS ARE NOMINAL

H207XX

PRESSURE RELIEF PLUG BLACK MICRO ADJUSTABLE POINTER 1.30 [33.0] 4.39 [111.5] 1/4 NPT DIAL, WHITE WITH BLACK CHARACTERS 159 [15.0]

To order filled, see filling chart below.

PRESSURE RELIEF PLUG BLACK MICRO ADJUSTABLE POINTER 1.30 [16.0] 4.39 [111.5] 1/2 NPT DIAL, WHITE WITH BLACK CHARACTERS 159 [15.0]

H209XX

QUALITY SERIES 100MM STAINLESS STEEL INTERNAL GAUGE OPTIONS					
OPTION	TYPE	SUFFIX	AVAILABLE ON MODELS		
Fill Medium	Dry (no fill)	Standard			
	Glycerine (GL)	Add suffix P			
	Silicone (SL)	Add suffix PI			
Catalog Dials	psi only	E	All ranges		
	Bar only	L1			
	kg/cm² only	L2			
	kPa only	L3			
	MPa only	L4			
	psi & BAR	W1			
	psi & kg/cm²	W2			
	psi & MPa	W4			