

## QUALITY SERIES 100MM STAINLESS STEEL INTERNAL GAUGE



### 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

$\frac{1}{4}$  NPT (H207xx),  $\frac{1}{2}$  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.

- 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.

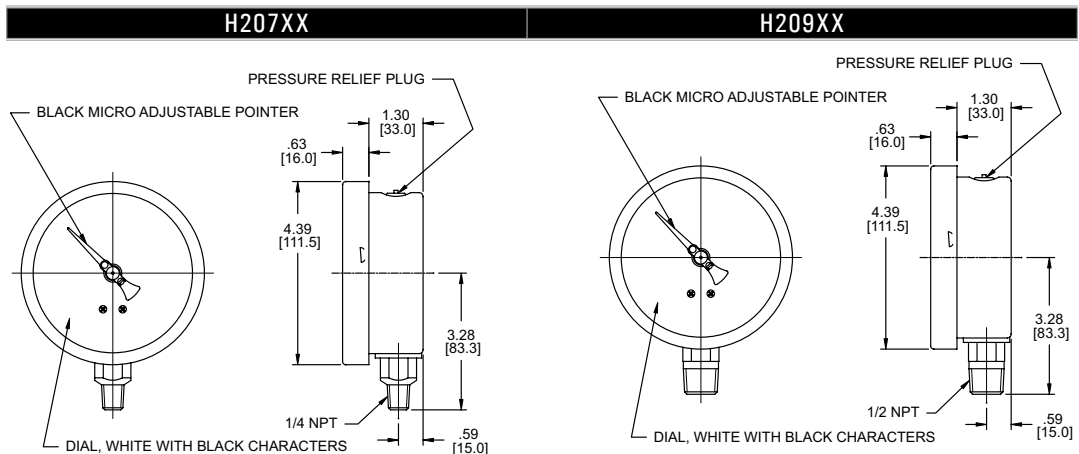
Typical applications include Oil patch, Refineries, Oil Rigs, Control Panels, Offshore Platforms, Marine and General Industrial.

- NACE: MR0175  
Gauges met NACE standards for material and hardness

### STANDARD RANGES & PART NUMBERS

| TYPE                  | QUALITY SERIES 100MM SS INTERNAL |                   |                   |
|-----------------------|----------------------------------|-------------------|-------------------|
| 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            | $\frac{1}{4}$ NPT                | $\frac{1}{2}$ NPT | $\frac{1}{2}$ NPT |
| Scale Standard        | psi/kPa                          | psi/kPa           | psi/kPa           |
| 0 to 30" Hg Vacuum    | H20705                           | H20905            |                   |
| 0 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



To order filled, see filling chart below.

### QUALITY SERIES 100MM STAINLESS STEEL INTERNAL GAUGE OPTIONS

| OPTION        | TYPE                     | SUFFIX        | AVAILABLE ON MODELS |
|---------------|--------------------------|---------------|---------------------|
| Fill Medium   | Dry (no fill)            | Standard      | All ranges          |
|               | Glycerine (GL)           | Add suffix P  |                     |
|               | Silicone (SL)            | Add suffix PI |                     |
| Catalog Dials | psi only                 | E             |                     |
|               | Bar only                 | L1            |                     |
|               | kg/cm <sup>2</sup> only  | L2            |                     |
|               | kPa only                 | L3            |                     |
|               | MPa only                 | L4            |                     |
|               | psi & BAR                | W1            |                     |
|               | psi & kg/cm <sup>2</sup> | W2            |                     |
|               | psi & MPa                | W4            |                     |



NACE  
100mm