

REFLEX LEVEL GAUGE

TYPE 9040



armatec

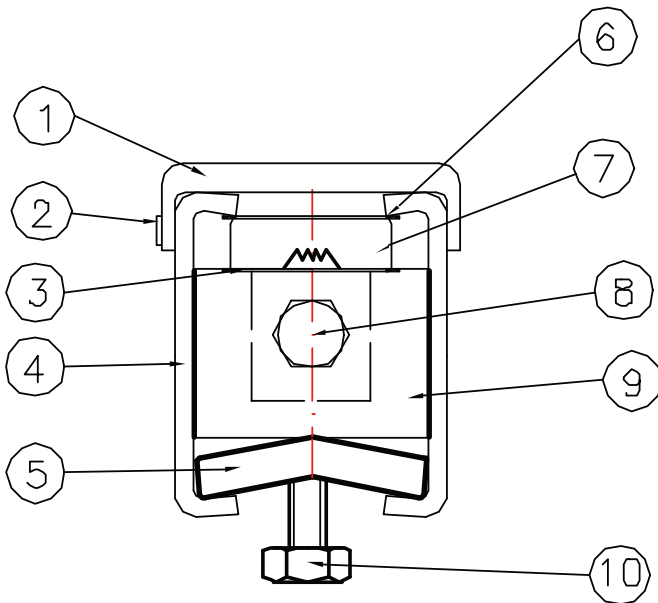


GENERAL

| | |
|---------------|------------------------------|
| PRESSURE: | PN25 |
| MATERIAL: | CARBON STEEL |
| CONNECTION: | Ø16 MM. END PIECE |
| SIGHT LENGHT: | MIN. 93 MM. MAX. 2448 MM. |

OPTIONS

| | |
|------------|-----------------|
| MATERIAL: | STAINLESS STEEL |
| OPERATING: | HAND LEVER |



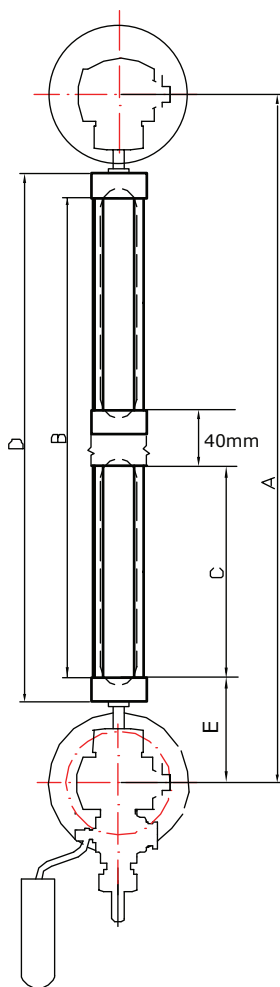
| POS | DESCRIPTION | MATERIAL |
|-----|-----------------|----------------------------|
| 1 | CLIP | CARBON STEEL ASTM A576 |
| 2 | PHILLIPS SCREW | STEEL |
| 3 | GASKET * | GRAPHITE |
| 4 | U-PROFILE | STEEL |
| 5 | V-PROFILE | STEEL |
| 6 | GASKET * | NON-ASBESTOS FIBRE |
| 7 | GLASS * | BOROSILICATE GLASS DIN7081 |
| 8 | PIPE CONNECTION | 1CR18NI9TI |
| 9 | BODY | CARBON STEEL 20MN |
| 10 | BOLT | STEEL |

* In repairkit

DESCRIPTION

- **Used for liquid level** in the lake and Land-based boiler is used display. Suitable for steam, water and non-aggressive liquids.
- **Level gauge fitting of reflection type** shows the level by a prism-grooved glass. The light is refracted, in which the liquid level is reflected, and seen as a dark area while the steam is indicated as a clear/white.
- **Delivered with EN10204/3.1 certificate.** We are continuously these fixtures approved by classification companies.
- **100% pressure test:** level gauge indicators are in our own workshop prior to delivery Push Tested.

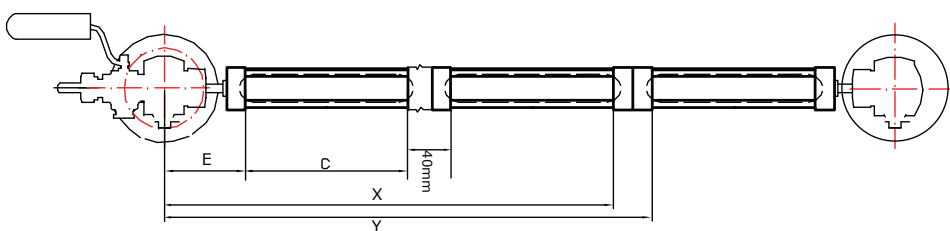
DIMENSIONS



Weight include top and bottom cocks.

| SIZE | A [MM] STANDARD | A [MM] MINIMUM | B [MM] | C [MM] | D [MM] | E [MM] | WEIGHT [KG] |
|-------|--------------------|-------------------|--------|--------|--------|--------|-------------|
| 1 x 3 | 285 | 285 | 141 | 141 | 178 | 71,5 | - |
| 1 x 4 | 310 | 310 | 166 | 166 | 203 | 71,5 | 12,0 |
| 1 x 5 | 350 | 340 | 196 | 196 | 233 | 76,5 | 12,3 |
| 1 x 6 | 370 | 370 | 226 | 226 | 263 | 71,5 | 12,5 |
| 1 x 7 | 400 | 400 | 256 | 256 | 293 | 71,5 | 12,8 |
| 1 x 8 | 500 | 440 | 296 | 296 | 333 | 101,5 | 13,3 |
| 1 x 9 | 525 | 460 | 313 | 313 | 353 | 104 | 14,0 |
| 2 x 4 | 525 | 515 | 367 | 166 | 406 | 77,5 | 16,0 |
| 2 x 5 | 575 | 575 | 427 | 196 | 466 | 72,5 | 16,5 |
| 2 x 6 | 700 | 635 | 489 | 226 | 526 | 105 | 17,0 |
| 2 x 7 | 760 | 695 | 549 | 256 | 586 | 105 | 17,5 |
| 2 x 8 | 800 | 775 | 628 | 296 | 666 | 85 | 18,6 |
| 2 x 9 | 875 | 815 | 668 | 313 | 706 | 102,5 | 20,0 |
| 3 x 6 | 950 | 900 | 751 | 226 | 789 | 98,5 | 21,5 |
| 3 x 7 | 1050 | 990 | 841 | 256 | 879 | 103,5 | 22,3 |
| 3 x 8 | 1175 | 1110 | 961 | 296 | 999 | 106 | 23,9 |
| 3 x 9 | 1200 | 1170 | 1021 | 313 | 1059 | 88,5 | 26,0 |
| 4 x 7 | 1300 | 1285 | 1134 | 256 | 1172 | 82 | 27,0 |
| 4 x 8 | 1450 | 1445 | 1294 | 296 | 1332 | 77 | 29,2 |
| 4 x 9 | 1590 | 1525 | 1374 | 313 | 1412 | 107 | 32,0 |
| 5 x 7 | 1600 | 1580 | 1427 | 256 | 1465 | 85,5 | 31,8 |
| 5 x 8 | 1800 | 1780 | 1627 | 296 | 1665 | 85,5 | 34,5 |
| 5 x 9 | 1960 | 1880 | 1738 | 313 | 1765 | 115,5 | 38,0 |
| 6 x 8 | 2115 | 2115 | 1960 | 296 | 1998 | 76,5 | 39,8 |
| 6 x 9 | 2235 | 2235 | 2080 | 313 | 2118 | 76,5 | 44,0 |
| 7 x 9 | 2590 | 2590 | 2433 | 313 | 2471 | 77,5 | 50,0 |

CALCULATION OF MODULES



This example shows how to find the blind spots on the level gauge by calculation on a size 3x6:

$$X = 98,5 + 226 + 40 + 226 = 590,5 \text{ mm}$$

$$Y = 98,5 + 226 + 40 + 226 + 40 = 630,5 \text{ mm}$$

Note: The above calculation is only for use with the "A Standard" dimension.