

Series 7710



Liquid Filled Industrial Pressure Gauges

Copper Alloy wetted parts
Stainless steel case & Bayonet ring
Case size 4" & 6"

ENFM industrial pressure gauges are suitable for a medium, which does not clog connection port or corrode copper alloy. These gauges are commonly used on heavy-duty service in industrial environments and ideal for applications requiring reading from a distance.

Standard gauge specifications

- Case:** Stainless steel AISI 304 with blow out and filling plug
- Bezel:** Stainless steel AISI 304 polished bayonet
- Dial:** White aluminum with black and blue scales
- Pointer:** Black aluminum, adjustable
- Window:** Acrylic
- Bourdon tube:**
 - ≤ 600 psi : "C" shaped phosphor bronze,
 - > 600 psi : helical phosphor bronze
 - > 6000 psi: helical Stainless steel AISI 316
- Connection:** Brass with field removable .012 threaded snubber
- Movement:** Brass with overload protection
- Liquid filling:** Glycerin
- Weather protection:** IP 65
- Accuracy:** 1.0 % of span ASME B40.1 Grade 1A

| Series | 7711 | 7711 | 7711 | 7715 | 7715 | 7715 |
|----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Case Size | 4" | 4" | 6" | 4" | 4" | 6" |
| Connection Size | 1/4"NPT | 1/2"NPT | 1/2"NPT | 1/4"NPT | 1/2"NPT | 1/4"NPT |
| Scale | psi/bar/kPa | psi/bar/kPa | psi/bar/kPa | psi/bar/kPa | psi/bar/kPa | psi/bar/kPa |
| Article number | RV166A5N | RV166A5Q | RV166A6Q | RV166G5N | RV166G5Q | RV166G6Q |
| Pressure Range Code | | | | | | |
| -30"Hg/0 | 000kg | 000kg | 000kg | 000kg | 000kg | 000kg |
| -30"Hg/0/15psi | 201kg | 201kg | 201kg | 201kg | 201kg | 201kg |
| -30"Hg/0/30 psi | 203kg | 203kg | 203kg | 203kg | 203kg | 203kg |
| -30"Hg/0/60 psi | 205kg | 205kg | 205kg | 205kg | 205kg | 205kg |
| -30"Hg/0/100 psi | 208kg | 208kg | 208kg | 208kg | 208kg | 208kg |
| -30"Hg/0/150 psi | 210kg | 210kg | 210kg | 210kg | 210kg | 210kg |
| -30"Hg/0/200 psi | 212kg | 212kg | 212kg | 212kg | 212kg | 212kg |
| 0-15 psi | 301kg | 301kg | 301kg | 301kg | 301kg | 301kg |
| 0-30 psi | 303kg | 303kg | 303kg | 303kg | 303kg | 303kg |
| 0-60 psi | 306kg | 306kg | 306kg | 306kg | 306kg | 306kg |
| 0-100 psi | 309kg | 309kg | 309kg | 309kg | 309kg | 309kg |
| 0-160 psi | 312kg | 312kg | 312kg | 312kg | 312kg | 312kg |
| 0-200 psi | 314kg | 314kg | 314kg | 314kg | 314kg | 314kg |
| 0-300 psi | 317kg | 317kg | 317kg | 317kg | 317kg | 317kg |
| 0-400 psi | 319kg | 319kg | 319kg | 319kg | 319kg | 319kg |
| 0-500 psi | 320kg | 320kg | 320kg | 320kg | 320kg | 320kg |
| 0-600 psi | 321kg | 321kg | 321kg | 321kg | 321kg | 321kg |
| 0-1000 psi | 323kg | 323kg | 323kg | 323kg | 323kg | 323kg |
| 0-1500 psi | 324kg | 324kg | 324kg | 324kg | 324kg | 324kg |
| 0-2000 psi | 325kg | 325kg | 325kg | 325kg | 325kg | 325kg |
| 0-3000 psi | 327kg | 327kg | 327kg | 327kg | 327kg | 327kg |
| 0-4000 psi | 329kg | 329kg | 329kg | 329kg | 329kg | 329kg |
| 0-5000 psi | 331kg | 331kg | 331kg | 331kg | 331kg | 331kg |
| 0-6000 psi | 332kg | 332kg | 332kg | 332kg | 332kg | 332kg |
| 0-10000 psi | 334kg | 334kg | 334kg | 334kg | 334kg | 334kg |
| 0-15000 psi | 335kg | 335kg | 335kg | 335kg | 335kg | 335kg |
| Mounting Options | | | | | | |
| Backflange 7712 | RV166B5N | RV166B5Q | RV166B6Q | - | - | - |
| Frontflange 7718 | - | - | - | RV166H5N | RV166H5Q | RV166H6Q |
| U Clamp 7719 | - | - | - | RV166J5N | RV166J5Q | RV166J6Q |

Items shown in **bold** are normally stocked items

To order, add pressure range code after article number, example: **RV166A5E000kg**