

## PROCESS GAUGES

# SOLFRUNT® 4-1/2" Model 1933

### DESCRIPTION

The Model 1933 4-1/2" process gauge is designed for process applications that require a solid front panel mounted gauge. The 1933 gauge has a cast aluminum front flange case with a lower-back mount process connection. These models are available with wetted surface material 316L.

Model 1933 4-1/2" SOLFRUNT gauge is supplied in 21 vacuum, compound, and pressure ranges from 30" Hg vacuum through 11600 psi. Calibration adjustments (scale shape and span) can be accomplished from rear of case without disturbing the gauge internals. Pointer adjustments are easily made by removing ring and window.



**SOLFRUNT Model 1933**

### SPECIFICATIONS

**SIZES:** 4-1/2"

**ACCURACY:**  $\pm 0.5\%$  of span (Grade 2A), except where stainless steel bourdon tubes are used in following ranges: Type 316L from 10000 to 11600 psi; accuracy is  $\pm 0.5\%$  on ascending pressure and  $\pm 1.0\%$  on descending pressure

**BOURDON TUBE:** 316L seamless stainless steel/TIG welded

**WINDOW:** High temperature acrylic, laminated shatter-resistant glass options available

**MOVEMENT:** Geared ARC-LOC with components of corrosion-resistant 300 series stainless steel. Movement can be removed for examination and cleaning without disturbing span and scale shape adjustments

**DIAL:** Aluminum with baked white background and black markings

**POINTER:** Anodized aluminum, micro-adjustable with black finish

#### CASE AND RING:

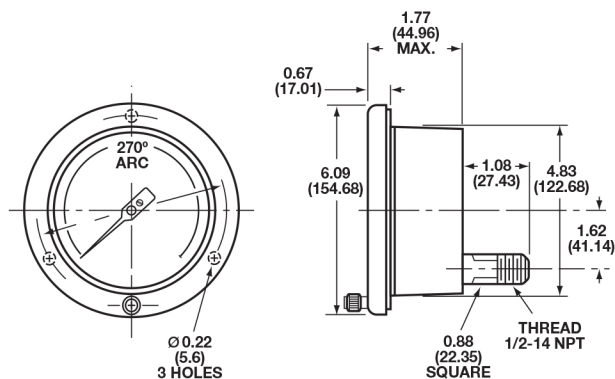
*For Panel Mounting:*

Cast aluminum, front-flanged case with steel hinged ring, black finish and pressure-relieving back

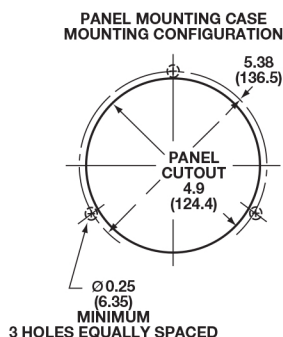
**CONNECTION:** Solid front design 316L stainless steel, 1/2-14 NPT standard (1/4-18 NPT optional)

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**INCHES  
(MM)**



## Spec Number Selection Chart

Model Number	1933
Bourdon Tube	316L Stainless Steel
Socket	316L Stainless Steel
Connection	LBM, 1/2" NPT
Sizes	4-1/2"
Ranges*	Spec No.
0-30" Hg VAC	150365
30"-0-15 psi	150366
30"-0-30 psi	150367
30"-0-60 psi	150368
30"-0-100 psi	150369
0-15 psi	150370
0-30 psi	150371
0-60 psi	150372
0-100 psi	150373
0-160 psi	150374
0-200 psi	150375
0-300 psi	150376
0-400 psi	150377
0-600 psi	150378
0-800 psi	-
0-1000 psi	150379
0-1500 psi	150380
0-2300 psi	150381
0-3500 psi	150382
0-6000 psi	150383
0-11600 psi	150384

\* Metric and dual scale dials are available on all 1900 Series gauges

1/4-18 NPT available – use 155XXX when ordering