



36L, 36B Series

- $\pm 0.25\%$ Accuracy
- Polished Mirror Band and knife-Edge Pointer to reduce parallax error
- Temperature Compensated Element to reduce temperature error
- Zero Adjustable Pointer

HAWK type 36L and 36B are designed for The industrial applications where a higher Degree of accuracy is required and operator Errors must be minimized. Improved dial and Pointer results in excellent viewing. Polished Mirror band and knife-edge pointer with red Painted tip let users read scale without parallax Error. White dial background with large numbers And graduations results in excellent readability. External adjustable pointer facilitates Compensation for calibration adjustment.

Typical Application

- Industrial test laboratories
- Monitoring of the testing device
- Measuring workshop systems
- Control workshop systems
- All equipments require high accuracy Performance

Specifications

Operating

Steady: 100%*full scale value

Pulsation: 90%*full scale value

Sudden: 130%*full scale value

The appropriate operating range falls in the middle half of the gauge(25% to 75% of full scale). If you choose the unsuitable range, the fatigue of bourdon tube may be resulted. HAWK Supplies a wide selection of range from vacuum to 20000 PSI including compound range.

Temperature limit

Ambient: -40 to 70°C

Media: max 70°C-Brass Wetted Parts
100°C-SS316 Wetted Parts

Temperature effect

Accuracy of measurement will be effected by the temperature change. This inaccuracy may as high as $\pm 0.2\%$ for 10 °C temperature change.

Dial Size

4-1/2 "(115mm)

Case&Ring

Stainless steel 304 (SS316-option),
Polished bayonet ring

Socket

Brass, 316 Stainless Steel or Monel K400

Movement

Stainless steel movement

Bourdon Tube

Brass, 316L-Stainless Steel or
Monel K500

Window

Tempered safety glass-standard
Polycarbonate or Laminated safety
glass-optional

Pointer

Anodized aluminum with red
With red painted knife-edge tip

Accuracy

$\pm 0.25\%$ of span(Grade 2A to ASME B40.1)

Scale

PSI, kPa, Mpa, bar, kg/cm², inHg, cmHg,
torr, mmHg(single or dual scale), others
on request

Connection

1/2", 1/4" NPT standard, JIS, DIN and
M20*1.5 available

Mounting

Stem, surface, flush mounting

Weatherproof

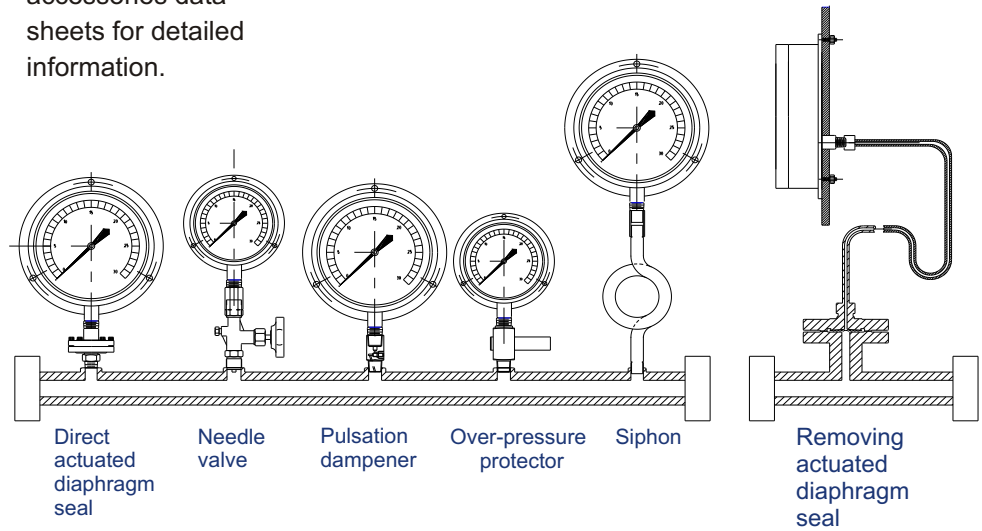
NEMA 4/4X(IP65) enclosure

Options

- X-Cleaned for oxygen service
- 4-Receiver Scale 3....15 PSI
- 7-Retard Scale
- H-Halocarbon Filled
- Q-Movement with PTFE coated gear
- Z-Movement with Titanium coated gear
- 5-Ammoniated Scale
- 8-Altitude Scale
- L-Laminated safety glass lens
- P-Polycarbonate glass (PC lens)
- 1-Improved Accuracy 1 Degree
- 6-Refrigerant Scale

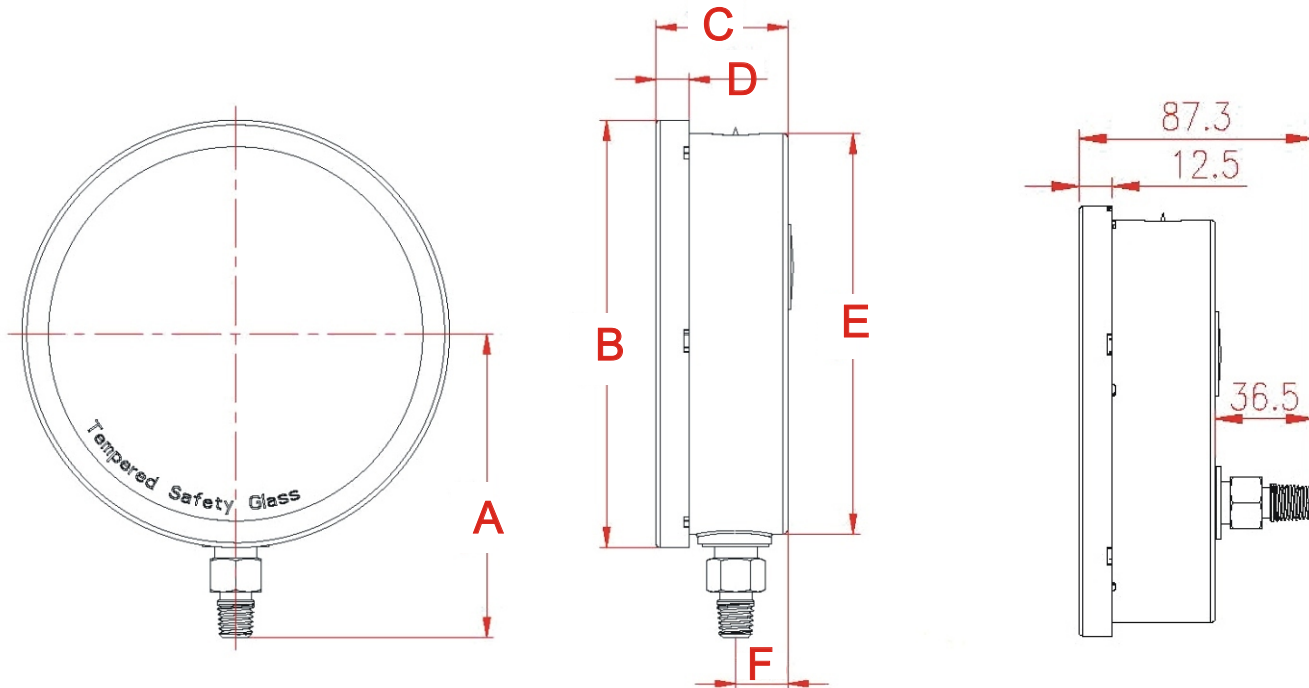
Accessories

Please refer to HAWK diaphragm seal and accessories data sheets for detailed information.



Dimensions

Bottom connection



Dimensions in mm.							
Model	A	B	C	D	E	F	G
32 L064-D	113.7	Ø160	49.3	12.5	Ø150	19.5	-
32 B064-D	-	Ø160	87.3	12.5	-	-	36.5

Compound Ranges

SINGLE SCALE

DUAL SCALE

PSI				Bar				KPa				Kg/cm2			
Code	Range	Code	Range	Code	Range	Code	Range	Code	Range	Code	Range	Code	Range	Code	Range
PCA1	VAC/8.5	RCA	-1/0.6	KOQ	-100/60	GCA	-1/0.6	XCA	-1/0.6 Bar/PSI	YCA	-100/60 kPa/PSI	WCA	-1/0.6 Kg/cm2/PSI		
PCA	VAC/15	RCB	-1/1	KOR	-100/100	GCB	-1/1	XCB	-1/1 Bar/PSI	YCB	-100/100 kPa/PSI	WCB	-1/1 Kg/cm2/PSI		
		RCC	-1/1.5	KOS	-100/150	GCC	-1/1.5	XCC	-1/1.5 Bar/PSI	YCC	-100/150 kPa/PSI	WCC	-1/1.5 Kg/cm2/PSI		
PCB	VAC/30	RCD	-1/2	KOS1	-100/200	GCD	-1/2	XCD	-1/2 Bar/PSI	YCD	-100/200 kPa/PSI	WCD	-1/2 Kg/cm2/PSI		
		RCE	-1/2.5	KOS2	-100/250	GCE	-1/2.5	XCE	-1/2.5 Bar/PSI	YCE	-100/250 kPa/PSI	WCE	-1/2.5 Kg/cm2/PSI		
		RCF	-1/3	KOT	-100/300	GCF	-1/3	XCF	-1/3 Bar/PSI	YCF	-100/300 kPa/PSI	WCF	-1/3 Kg/cm2/PSI		
PCC	VAC/60	RCG	-1/4	KOT2	-100/400	GCG	-1/4	XCG	-1/4 Bar/PSI	YCG	-100/400 kPa/PSI	WCG	-1/4 Kg/cm2/PSI		
		RCH	-1/5	KOU	-100/500	GCH	-1/5	XCH	-1/5 Bar/PSI	YCH	-100/500 kPa/PSI	WCH	-1/5 Kg/cm2/PSI		
PCD	VAC/100	RCJ	-1/7	KOU2	-100/700	GCJ	-1/7	XCJ	-1/7 Bar/PSI	YCJ	-100/700 kPa/PSI	WCJ	-1/7 Kg/cm2/PSI		
		RCK	-1/9	KOV	-100/900	GCK	-1/9	XCK	-1/9 Bar/PSI	YCK	-100/900 kPa/PSI	WCK	-1/9 Kg/cm2/PSI		
PCE	VAC/150	RCL	-1/10	KOV1	-100/1000	GCL	-1/10	XCL	-1/10 Bar/PSI	YCL	-100/1000 kPa/PSI	WCL	-1/10 Kg/cm2/PSI		
PCF	VAC/160	RCM	-1/11	KOV2	-100/1100	GCM	-1/11	XCM	-1/11 Bar/PSI	YCM	-100/1100 kPa/PSI	WCM	-1/11 Kg/cm2/PSI		
PCG	VAC/200	RCO	-1/14	KOV4	-100/1400	GCO	-1/14	XCO	-1/14 Bar/PSI	YCO	-100/1400 kPa/PSI	WCO	-1/14 Kg/cm2/PSI		
		RCP	-1/15	KOW	-100/1500	GCP	-1/15	XCP	-1/15 Bar/PSI	YCP	-100/1500 kPa/PSI	WCP	-1/15 Kg/cm2/PSI		
		RCR	-1/19	KOW2	-100/1900	GCR	-1/19	XCR	-1/19 Bar/PSI	YCR	-100/1900 kPa/PSI	WCR	-1/19 Kg/cm2/PSI		
PCH	VAC/300	RCS	-1/20	KOW3	-100/2000	GCS	-1/20	XCS	-1/20 Bar/PSI	YCS	-100/2000 kPa/PSI	WCS	-1/20 Kg/cm2/PSI		
		RCT	-1/24	KOX	-100/2400	GCT	-1/24	XCT	-1/24 Bar/PSI	YCT	-100/2400 kPa/PSI	WCT	-1/24 Kg/cm2/PSI		
		RCU	-1/25	KOX1	-100/2500	GCU	-1/25	XCU	-1/25 Bar/PSI	YCU	-100/2500 kPa/PSI	WCU	-1/25 Kg/cm2/PSI		
PCI	VAC/400	RCV	-1/27	KOX2	-100/2700	GCV	-1/27	XCV	-1/27 Bar/PSI	YCV	-100/2700 kPa/PSI	WCV	-1/27 Kg/cm2/PSI		
		RCW	-1/30	KOY	-100/3000	GCW	-1/30	XCW	-1/30 Bar/PSI	YCW	-100/3000 kPa/PSI	WCW	-1/30 Kg/cm2/PSI		
PCJ	VAC/500	RCW1	-1/35	KOZ	-100/3500	GCW1	-1/35	XCX	-1/35 Bar/PSI	YCX	-100/3500 kPa/PSI	WCX	-1/35 Kg/cm2/PSI		
PCK	VAC/600	RCX	-1/40	KOZ1	-100/4000	GCX	-1/40	XCX	-1/40 Bar/PSI	YCY	-100/4000 kPa/PSI	WCY	-1/40 Kg/cm2/PSI		
		RCY	-1/50	KOZ2	-100/5000	GCY	-1/50	XCZ	-1/50 Bar/PSI	YCZ	-100/5000 kPa/PSI	WCZ	-1/50 Kg/cm2/PSI		
		RCZ	-1/60	KOZ3	-100/6000	GCZ	-1/60	XC1	-1/60 Bar/PSI	YC1	-100/6000 kPa/PSI	WC1	-1/60 Kg/cm2/PSI		
		RC0	-1/100	KOZ7	-100/10000	GC0	-1/100	XC2	-1/100 Bar/PSI	YC2	-100/10000 kPa/PSI	WC2	-1/100 Kg/cm2/PSI		

Order Information

Example:

Series	Model	Dial	Wetted Parts	Process Connection	Pressure Range	Option
P - 1C - 36L	L	45	S	2	P 4 1 H-	L
L- Lower (Bottom) Connection B- Lower Back Connection S-316SS M-Monel B-Brass 2-1/2"NPT 4-1/4"NPT 3-3/8"NPT D-G1/2 H-G3/8 E-G1/4 A-R1/2 G-R3/8 B-R1/4 L-Others Please refer to the range table and write down the code you need. Vacuum Compound Pressure L- Laminated Safety Glass Lens Other options please check page No.2						

Limited Warranty and Liability

HAWK GAUGE CO.,LTD warrants all its mechanical instruments to be free from defects in materials and workmanship.HAWK agrees to repair or replace any pressure gauges if returned to our factory, transportation charges prepaid, and after which examination reveals is to be defective due to faculty workmanship or material.This warrant should not apply to subject to the following terms and conditions:

- A.** The product has not been subjected to misuse, neglect, abuse , accident, incorrect mounting, improper use or misapplication such as negligence, accident, vandalism, shock or vibration.
- B.** The performance of any system of which HAWK's products are a component part.
- C.** The product has not been exposed to any other service, range or environment of greater severity than that for which the products were designed.
- D.** The product has not been altered or repaired by anyone except HAWK GAUGE or its authorized service agencies.
- E.** The serial number or date code has not been removed, defaced or changed.
- F.** The actual pressure&temperature occurring exceed the values specified for HAWK Process gauge.

Unless otherwise specified in a manual or warranty card, or agree to in a writing signed by HAWK GAUGE office, HAWK Process gauge products shall be warranted for two years from the date of sale.

This warranty is in lieu of all other warranties expressed or implied, and of all obligations or liabilities on its part for damages including but not limited to consequential damages, following the use of misuse of instruments sold by it. No agent is authorized to assume for it any liability except as set forth above.

Note

HAWK GAUGE CO.,LTD reserves the right to make product improvements and change its specifications at any time stated throughout this brochure without notification. Please contact the factory on all critical dimensions and specifications for verification. HAWK GAUGE is not expert in the customer's technical field and therefore doesn't warrant suitability of it's product for the application selected by customer.



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