

500FG Series



Minimum/Maximum Temperature Limits

Ambient	Process	Storage
20 °F to 150 °F (-7 °C to 66 °C)	20 °F to 150 °F (-7 °C to 66 °C)	0 °F to 150 °F (-18 °C to 66 °C)

Operating Pressure Range: 75% of Scale Value

Over Pressure Limit: 125% of Max. Scale Value

Case: AISI 304SS

Mounting: Stem, Surface, Pipe, Panel

Lens: Safety Glass

Joints: Tig Argon Arc Welding

Socket: AISI 316L SS

Bourdon: AISI 316L SS

Movement: AISI 304 SS

Dial: Aluminum

Pointer: Micro Zero Adjustable

Window: Safety Glass

Range: Vacuum to 35,000 psi

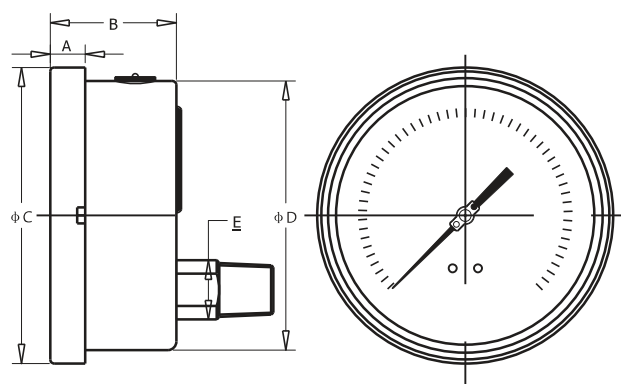
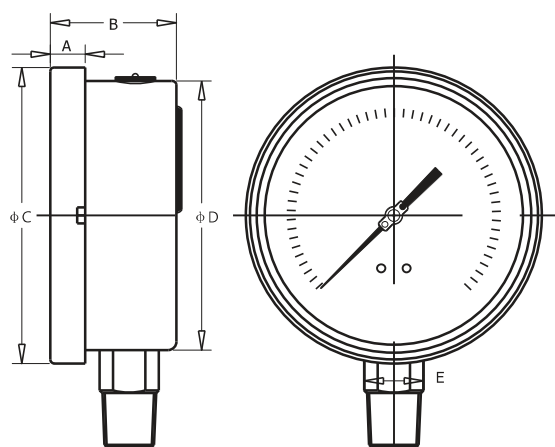
Features

- Standard Followed ASME-B 40.1 / EN837-1
- 1% full scale accuracy
- Wetted Parts AISI 316L Stainless Steel
- Build in Stabilizer Movement
- NACE MR 0175 Compliance
- Helium Leak Tested
- Internal Vacuum/ Over Pressure Stops
- IP 66
- Metric readings in red
- Suitable for water, air, oil, gas or any medium not corrosive to copper alloys
- White scale with black graduations and numerals
- Stainless steel Bourdon tube and socket
- Corrosion resistant stainless steel case and ring

500FG Series

Accuracy(as per ASME B.40.1/EN837-1)

4"/4.5"/5" 1-1-1 Grade 1A



NS	A	B	φ C	φ D	E	Weight (lbs)
4"	0.5"	1.87"	4.4"	4"	0.87"	1.32
4.5"	0.6"	1.87"	5"	4.5"	0.87"	1.50
6"	0.6"	1.87"	6.4"	5.9"	0.87"	2.65

NS	A	B	φ C	φ D	E	Weight (lbs)
4"	0.5"	1.87"	4.4"	4"	0.87"	1.32
4.5"	0.6"	1.87"	5"	4.5"	0.87"	1.50
6"	0.6"	1.87"	6.4"	5.9"	0.87"	2.65

500FG Series

Dial

Code	Dial Size
25	2.5"
35	3.5"
40	4"
60	6"

Connection

Code	Connection Size
02	1/4"
03	3/8"
04	1/2"
06	3/4"
Code	Connection Location
L	Bottom
B	Back

Pressure Ranges

-30/0 PSI	0-15 PSI	0-1000 PSI
-30/30 PSI	0-30 PSI	0-1500 PSI
-30/60 PSI	0-60 PSI	0-2000 PSI
-30/100 PSI	0-100 PSI	0-3000 PSI
-30/150 PSI	0-160 PSI	0-4000 PSI
	0-200 PSI	0-5000 PSI
	0-300 PSI	0-6000 PSI
	0-400 PSI	
	0-600 PSI	

Optional Extras

SG Oxygen Service (For Dry Version)	ZC Freon Range (With Temperature Scale)	SA Internal Overpressure Stop
OA Accuracy + 0.5% of F.S.	ZD Ammonia Range (With Temperature Scale)	SB Internal Vacuum Stop
TI Monel Bourdon & Socket (Monel Version)	SW Dial Tag Marking	ZL Over Range Protection
TF Certified and Test to NIST standards	RW Plexiglass	QB Integral Dampening Screw (AISI 316ss)
TB Helium Leak Test	RX Shatterproof/Safety Glass	FL Integral Dampening Screw (Monel)
SD AISI 316ss Movement	RZ Toughened Glass	FS Fillable Liquid Silicon Oil
SF Movement With Dampening Jelly	SJ Maximum Reading Pointer With Plexiglass Fillable Version	ZZ Dielectric Oil Filled
RI 25mm Bod	ZM Electro Polished Case & Bezel	PX Dampening Liquid Fluorolube Filled
SI Knife Edge Pointer	CK Epoxy Painted Case & Bezel	PY Dampening Liquid Glycerine Oil Filled
FN 2" Pipe/Yoke Mounting Bracket and 'U' Clamp (Aisi 316ss)	SQ Case With Rolling Type Bezel	PZ Dampening Liquid Mineral Liquid Filled
RG Anti Parallax Mirror Band Dial	OS Case With Bayonet Type Bezel	QA Dampening Liquid Silicon Oil Filled
RH Custom Designed Dial	PS Aisi 316ss Case & Bezel	GH Traceable to NIST Standards
ZB Receiver Range	KA On-Off Type Vent Plug	
AT Atex (As Per 2014/34/Eu)	SX Ss Tag Plate	
	SY Aisi 316ss Tag Plate	

How to Order

Example Product #: **60 500FG 03 B 0-1000PSI-ZC**

Dial Size Code	Series	Connection Size	Connection Location	Pressure Range	Optional Extra (Leave Blank if None)
60	500FG	03	B	0-1000 PSI	ZC