

Type 1379 High Pressure Duragauge® Pressure Gauge Available With PLUS!™ Performance Option

- ASME B40.100, Grade 2A, ½% full scale accuracy
- Solid front aluminum case
- Hermetically sealed case standard
- PLUS!™ Performance Option:
 - Liquid-filled performance in a dry gauge
 - Fights vibration and pulsations without liquid-filled headaches
 - Order as option XLL
- Epoxy-coated system for superior corrosion resistance
- Ranges to 100,000 psi

For use on high pressure application including metal, asphalt or concrete water cutting equipment.

TEMPERATURE LIMITS			
	Ambient	Process	Storage
Dry	-20/200°F (-29/93°C)	-20/200°F (-29/121°C)	-40/200°F (-40/121°C)
LF (glycerin)	20/150°F (7/66°C)	20/200°F (7/93°C)	0/150°F (-18/66°C)
(silicone)	-40/150°F (-40/66°C)	-40/200°F (-40/93°C)	-40/150°F (-40/66°C)
(halocarbon)	-40/150°F (-40/66°C)	-40/200°F (-40/93°C)	-40/150°F (-40/66°C)

Note: Dry or liquid-filled gauges with standard acrylic window can withstand 200°F (93°C) but glycerin fill and acrylic window will tend to yellow. Accuracy at temperatures above or below the reference ambient temperature of 68°F (20°C) will be affected by approximately .4% per 25°F. Gauges with welded joints will withstand 750°F (450°F (232°C)) for short times without rupture, although other parts of the gauge will be destroyed and calibration will be lost.



PRODUCT SPECIFICATIONS

Model Number: 1379
Accuracy: ½% full scale (Grade 2A, ASME B40.100)
Ranges: 50,000-100,000 psi
Dial Size: 6" diameter
Case Material: Black, aluminum, solid front
Weather Protection: IP65
Ring (6" Dial): Threaded reinforced black polypropylene
Window: Acrylic
Dial: Aluminum, white background, black pressure scale
Bourdon Tube: Inconel 718 (WW)
Socket: 316L SS
Pointer: Micrometer adjustable
Movement: Rotary, 400 SS, Teflon® coated pinion gear and segment
Conn. Size: ¼"-18 UNF-2B female high pressure
Conn. Location: Lower or back

PRODUCT OPTIONS

Fill: L-Glycerin-Standard
 XGV-Silicone
 XGX-Halocarbon

PLUS!™

Performance: XLL
Flush Mounting Ring: X56
Receiver Gauge: XPR
Shatter Proof Glass Window: XSG
Acrylic Window: XPD
Red Set Hand: XSH
Max. Pointer: XEP

^① Joints silver brazed
^② Joints welded
^③ See Ash Bul DU-1

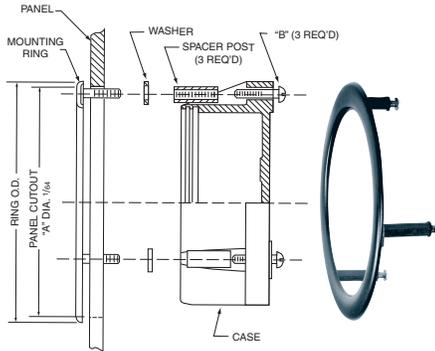
STANDARD RANGE TABLE

Pressure – psi		
Range	Figure Interval	Minor Graduation
0/50,000	5000	500
0/80,000	10,000	1000
0/100,000	10,000	1000

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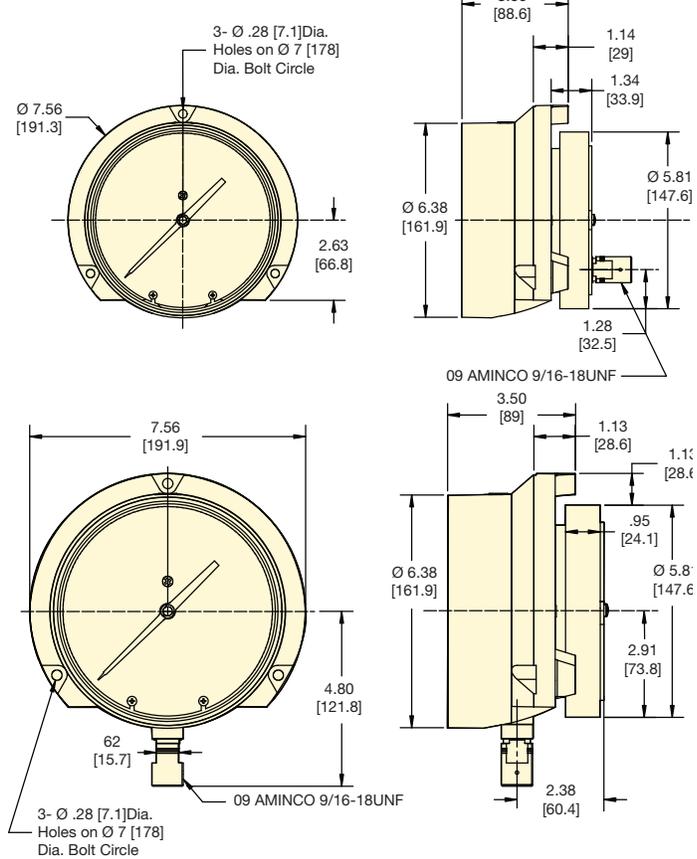
TYPE 1278M SERIES FLUSH MOUNTING RING

Used to flush mount gauge case.
 Standard finish is black; optional polished stainless steel finish is available.



GAUGE SIZE	RING O.D.	"A" DIA.	"B" Size of 3 Screws	"C" Size of Washers	SPACER
6	7 ⁹ / ₁₆ (192)	7 (178)	#10-32	-	5 ⁵ / ₁₆ (33)

DIMENSIONS



Weight (lbs.)
 5.8 (Dry)
 9 (L.F.)

Order Coding Example

60	1379	WW	SH	09	L	XEPNH	100,000#
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SIZE	TYPE	SYSTEM (TUBE & SOCKET)	CASE DESIGN SOLID FRONT	PROCESS CONNECTION SIZE	CONNECTION LOCATION	OPTIONS (X VARIATIONS) ⁽¹⁾	RANGE PSI
(60) 6	1379	(WW) Inconel 718 tube, 316L socket	(SH) Dry, Hermetically Sealed, Field Fillable (IP65) (SL) Liquid filled (glycerin standard) (IP65)	(09) 9/16-18 UNF-2B	(B) Back (L) Lower	(GV) Silicone case fill (GX) Halocarbon case fill (NH) St. St. Wired Tag (GB) Oxygen service (SG) Safety glass (EP) Maximum pointer, adjustable (SH) Red set hand, stationary (LL) PLUS! Performance (56) Flush mounting ring (C4) Individual calibration chart ⁽¹⁾ Others on request	50,000 80,000 100,000