

Data Sheet

1339A Duplex Pressure Gauge

FEATURES

- Bronze Bourdon tube and brass process connections
- Two independent systems and movements
- Non-adjustable red and black pointers

TYPICAL USES

- Filters
- Pumps and valves
- Rail braking systems
- Specialized OEM equipment



1339A
4½" dial size

SPECIFICATIONS

Accuracy:	±2-1-2% of span (ASME B40.100 Grade A)
Size:	4½"
Ranges:	Compound, 30 to 1,000 psi
Process Connection Location:	Lower back
Process Connection Size:	¼ NPT
Case Style:	Aluminum solid front
Movement:	Bronze
Dial:	Brushed aluminum with black markings
Case Material:	Aluminum
Window Material:	Glass
Weather Protection:	Dry case, case not sealed, recommended for weather protected environment only
Pointer:	Non-adjustable Black & Red
Mounting	Stem, surface or flush

WETTED COMPONENTS

Bourdon Tube	Process Connection Material	Joints
Grade A Phosphor Bronze	Brass	Soldered (100 psi), Silver Braised (above 100 psi)

NON-WETTED COMPONENTS

Case	Back Cover	Ring
Aluminum black epoxy coated	300 SS	Steel, hinged, black enamel

KEY BENEFITS

- Measures two independent pressure sources on one dial
- High reliability and performance
- One year warranty

MIN/MAX TEMPERATURE LIMITS

Version	Ambient	Process	Storage
Dry	-20°F to 200°F (-29°C to 93°C)	-20°F to 250°F (-29°C to 121°C)	-40°F to 250°F (-40°C to 121°C)

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ORDERING CODE	Example:	45	1339	A	02	B	100#
Dial Size							
45 - 4½" dial		45					
Model							
1339A - Duplex, black aluminum, open front			1339				
System							
A - Phosphor bronze tube/brass process connection				A			
Process Connection Size							
02 - ¼ NPT					02		
Process Connection Location							
B - Back						B	
Range (See range table on page 2 for all standard ranges)							
Single Scales							
100# - 100 psi							100#

STANDARD RANGES CODE - SINGLE SCALE			
	psi	bar	kPa
Compound	30IMV&15#		
			N1/1.5BR N100/150KP
	30IMV&30#		
			N1/3BR N100/300KP
	30IMV&60#		
			N1/5BR N100/500KP
	30IMV&100#		
			N1/9BR N100/900KP
Positive Pressure	30IMV&150#		
			N1/15BR N100/1500KP
	30IMV&300#		
			N1/24BR N100/2400KP
	30#	-	-
	-	2.5BR	250KP
	60#	4BR	400KP
	-	6BR	600KP
	100#	-	-
	-	10BR	1000KP
	160#	-	-
	200#	-	-
-	16BR	1600KP	
300#	-	-	
-	25BR	2500KP	
400#	-	-	
600#	40BR	4000KP	
800#	-	-	
-	60BR	6000KP	
1000#	-	-	

1339A Duplex Pressure Gauge

DIMENSIONS in [] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

Gauge Size (inches)	A	B	C	E	F	H	V	S	CC	Weight (lbs)
4½	4 ¹³ / ₁₆ [122]	2 ⁷ / ₁₆ [73]	6 ¹ / ₁₆ [154]	5 ³ / ₈ [137]	1 ¹ / ₁₆ [27]	1 ⁹ / ₁₆ [40]	1½ [38]	1 ¹ / ₁₆ [17]	10-24	3 1.4 kg

