

Data Sheet

1000 Commercial Gauge

FEATURES

- PowerFlex™ movement provides superior resistance to shock, vibration and pulsation
- TrueZero™ reduces reading errors by using a “zero zone” instead of conventional dial pins
- FlutterGuard™ (option) reduces movement wear and pointer flutter
- Available through 6,000 psi

TYPICAL USES

- General industrial applications
- Applications requiring large dial sizes for easy readability
- Pressure measurement
- Pumps and compressors
- Machinery and metal working
- OEM equipment

SPECIFICATIONS

Accuracy:	±3-2-3% of span (ASME B40.100 Grade B)
Dial Sizes:	4½"
Ranges:	Vacuum, compound to 6,000 psi
Process Connection Location:	Lower
Process Connection Size:	¼ NPT Male
Dial:	Black figures on white background, aluminum
Pointer:	Black, aluminum
Movement:	PolyFlex™ with polyester
Dampening Options:	FlutterGuard™

WETTED COMPONENTS

Bourdon Tube	Process Connection
Bronze	Brass

NON-WETTED COMPONENTS

Case	Window	Ring
Black painted steel	Plastic	Black painted steel



1000
4½" dial size



KEY BENEFITS

- True Zero™ reduces the potential risk of installing a damaged gauge on your equipment
- Custom dials available
- Easy readability

MIN/MAX TEMPERATURE LIMITS

Version	Ambient	Process	Storage
Dry	-40°F to 150°F (-40°C to 65°C)	-40°F to 150°F (-40°C to 65°C)	-40°F to 150°F (-40°C to 65°C)

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ORDERING CODE	Example:	45	W	1000H	02	L	XSF	100#
Dial Size								
45 - 4½"		45						
Movement								
W - PowerFlex™			W					
Model								
1000H - Black painted steel case/brass process connection material				1000H				
Process Connection Size								
02 - ¼ NPT Male					02			
Process Connection Location								
L - Lower						L		
Options (If choosing an option(s) must include an "X")							X__	
SF - FlutterGuard™, (SF includes throttle plug)							SF	
NP - Nickel plated socket								
T4 - 0.007" orifice restrictor								
T5 - 0.013" orifice restrictor								
T7 - 0.020" orifice restrictor								
T9 - 0.063" orifice restrictor								
AP - Adjustable pointer								
RG - Regular glass window								
RS - ROHS (EU directives 2011/65/EU and 2015/863)								
Range (coding example see range table on page 3 for all standard ranges)								
Single Scales								
100# - 100 psi								100#

COMMERCIAL GAUGE RANGE TABLE

PSI	CODE
30IMV/0	VAC
30IMV/15	15#&VAC
30IMV/30	30#&VAC
30IMV/60	60#&VAC
30IMV/100	100#&VAC
30IMV/160	160#&VAC
30IMV/300	300#&VAC
0-15	15#
0-30	30#
0-60	60#
0-100	100#
0-160	160#
0-200	200#
0-300	300#
0-400	400#
0-600	600#
0-1,000	1000#
0-2,000	2000#
0-3,000	3000#
0-4,000	4000#
0-5,000	5000#
0-6,000	6000#

Note: Black protective boot lower connect only (must be ordered separately - not part of product code)

DIMENSIONS in [] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

Lower Connection								
Dial Size Inches	A	B	C	D	E	F	Wrench Flats G	Weight oz / kg
4½"	4.75 [121]	1.13 [29]	2.35 [60]	4.69 [119]	3.38 [86]	0.34 [9]	9/16 [14]	10.16 oz 0.288 kg

