

Type 1122KE, 1122KF Special Application Gauge



Type 1122KE

FEATURES

- **Accuracy ASME B40.100 Grade A**
(±2-1-2% of span)
- **Dial size 2½" only**

The Ashcroft® Type 1122 is a specialized product used for pump, turbine and compressor applications.

TEMPERATURE LIMITS

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

Note: Other than discoloration of the dial and hardening of the gasketing that may occur as ambient or process temperatures exceeds 150°F, non-liquid-filled gauges with polycarbonate windows, can withstand continuous operating temperatures up to 250°F (121°C) but the 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. For continuous use and for process or ambient temperatures above 250°F (121°C), a diaphragm seal or capillary or siphon is recommended.

PRODUCT SPECIFICATIONS

Model Number: 1122KE lower connect,
1122KF lower connect with
back flange

Accuracy: 2%-1%-2% ASME Grade A

Case Style: Open Front (dry only)

Case Material: Stainless Steel

Dial Size: 2½"

Dial Material & Color: White with Black Markings

Ring Type: 304SS, Bayonet

Bourdon Tube Material: 316 SS⁽¹⁾

Socket Material: Bronze⁽¹⁾

Connection Size: ¼ NPT

Connection Location: KE: Lower (L)
KF: Lower w/back flange

Range Limits: 15-1000 psi

Mounting: Stem, Surface

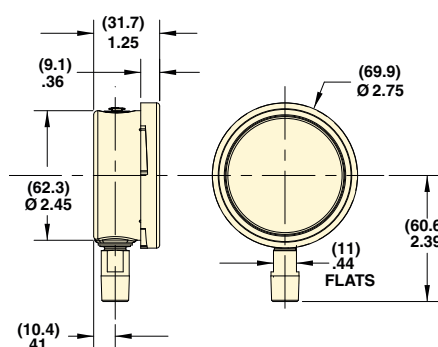
Pointer: Adjustable

Window: Polycarbonate

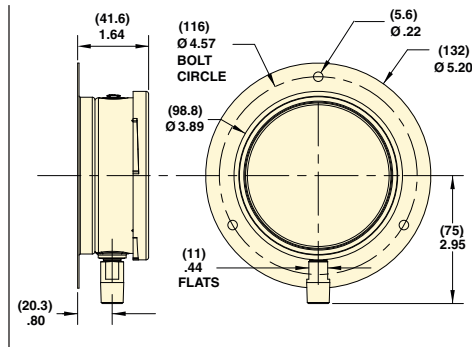
Warranty: 1 Year

⁽¹⁾ Joints welded

DIMENSIONS



2½" 1122KE Lower Connect



2½" 1122KF Lower Connect

CASE TYPE

Gauge Type Number	Dial Size (inches)	Case & Ring Material Finish	Bourdon Tube & Tip Material	Socket Material	Pressure Range (psi)	Pointer	Movement	NPT Connection	Weight (lbs.)
1122KE 1122KF	2½"	Case: Stainless steel Ring: Bayonet Lock, St.St. Both polished	316 SS 316 SS	Bronze	15/1000	Adjustable	Stainless steel	¼"	.5

25 1122KE/1122KF PRODUCT CODING

Typical Code:

25		1122KE		A		02		L		100#	
SIZE		TYPE NUMBER		SYSTEM (Tube & Socket)		CASE DESIGN		PROCESS CONN. SIZE		CONNECTION LOCATION	RANGE (psi)
(25) 2½"		1122KE 1122KF	Code (A)	Tube SS	Socket Aluminum Bronze	Description Open Front	Code (02)	NPT ¼ Male	Code (L)	Description Lower	15
											30
											60
											100
											160
											200
											300
											400
											600
1000											

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STANDARD METRIC RANGES

Range		Dial Graduations		Range	Dial Graduations		Outer Scale When Dual Range Specified psi
kg/cm ² (Kilograms per sq. cm.)	Bar	Figure Interval	Minor Graduation	kPa (kilopascal)	Figure Interval	Minor Graduation	
Pressure							
0/1	0/1	0.1	0.01	0/100	10	1	0/14
0/1.6	0/1.6	0.2	0.02	0/160	20	2	0/22
0/2.5	0/2.5	0.5	0.05	0/250	50	5	0/35
0/4	0/4	0.5	0.05	0/400	50	5	0/55
0/6	0/6	0.5	0.1	0/600	50	10	0/85
0/10	0/10	1	0.1	0/1000	100	10	0/140
0/16	0/16	2	0.2	0/1600	200	20	0/220
0/25	0/25	5	0.5	0/2500	500	50	0/350
0/40	0/40	5	0.5	0/4000	500	50	0/550
0/60	0/60	5	1	0/6000	500	100	0/850
Compound							
-1/0/1.5	-1/0/1.5	0.5	0.05	-100/0/150	50	5	30″ Hg/0/20
-1/0/3	-1/0/3	0.5	0.05	-100/0/300	50	5	30″ Hg/0/40
-1/0/5	-1/0/5	0.5	0.1	-100/0/500	50	50	30″ Hg/0/70

STANDARD RANGES

Pressure (psi)	Figure Interval	Minor Grad.
0/15	5	1
0/30	10	2
0/60	15	5
0/100	20	10
0/160	40	10
0/200	50	10
0/300	100	25
0/400	100	25
0/600	150	50
0/1000	250	50