

## Type 3005/3005P Metric Case Commercial Gauge

### **FEATURES**

- 304 stainless steel case liquid-filled, dry or field-fillable (Type 3005)
- ABS case, liquid-filled, dry or field-fillable (Type 3005P)
- Patented PowerFlex™ movement with polyester segment
- Pressure ranges from vacuum to 15,000 psi and compound
- Two-year warranty on liquid-filled gauges
- True Zero<sup>™</sup> indication. a unique safety feature

Ashcroft® Type 3005/3005P gauges are an exceptional value. The materials, construction, and design of these gauges provide a product of superior quality, able to withstand the rigors of pressure spikes, mechanical shock and high vibration levels.

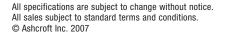
These gauges offer flexibility in fit and function. Type 3005 gauges are 63mm in diameter and available in lower or back connection. Type 3005P are also 63mm and available in 1/4 NPT lower connection only. These gauges can be purchased either dry, liquid filled or field fillable. Back connection Type 3005 gauges can be panel mounted with a variety of optional panel mounting kits. Metric socket configurations and metric dials are also available.

As with other Ashcroft commercial gauges, both the Type 3005 and 3005P incorporate the patented PowerFlex™ movement, a proven performer, offering superior resistance to shock, vibration and pulsation. The result is a more durable, longer-lasting gauge.

True Zero<sup>™</sup> indication, a standard feature on these gauges, is the accurate indication of zero pressure being applied to the gauge. In addition to increased safety benefits, this means reduced inspection and manufacturing cost for you and your customer.

## HOW TO ORDER (Typical example)

63	W	3005	H	L	02L	1000#
Dial Size: 63mm						
Movement: Patented PowerFlex <sup>™</sup>						
Case Type Number: 3005 (Stainless Steel)						
Socket Material: Brass						
Liquid Filled Case:						
Connection Size/Location: ¼ NPT Lower _						
Range: 1000 psi						



#### Ashcroft Inc., 250 East Main Street, Stratford, CT 06614 USA Tel: 203-378-8281 • Fax: 203-385-0408 email: info@ashcroft.com • www.ashcroft.com



#### ISO 9001 REGISTERED FIRM

#### PRODUCT SPECIFICATIONS Acharoft® Madal No : 2005/2005D

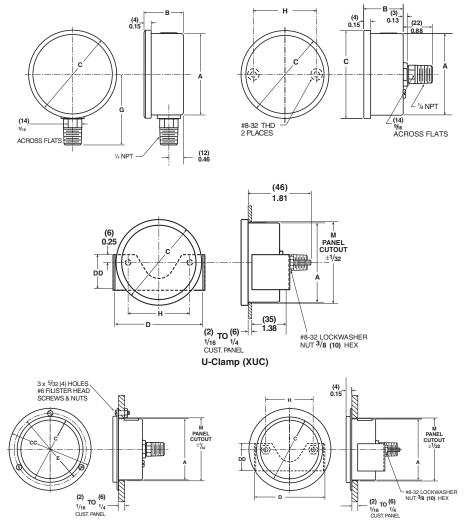
Ashcroft® M	odel No.: 3005/3005P					
Size:	63mm (2½″)					
Case:	3005 – 304 stainless steel, dry or liquid					
	filled 3005P – Black ABS, dry or liquid filled					
Fill Fluid:	Glycerin (20° to 150°F ambient;					
FIII FIUIU.	$-7^{\circ}$ C to 65°C)					
Ring:	None					
Window:	Polycarbonate with O-ring seal					
Dial:	Black figures on white background,					
Diai.	aluminum					
Pointer:	Black, aluminum					
	- C-shaped bronze (vac600 psi and					
Bourdon fubo.	compound)					
	– Helical bronze (1000 psi-6000 psi)					
	- Helical stainless steel					
	(10,000 psi-15,000 psi)					
Movement:	Patented PowerFlex <sup>™</sup> movement					
Socket:	Brass, with O-ring case seal					
Restrictor:	Brass throttle plug,					
	0.013" orifice (no throttle plug in					
<b>.</b>	vacuum or 15 psi ranges)					
Connection:	3005 – ¼ NPT lower and back					
Dangaa	3005P – ¼ NPT lower only Vac thru 15.000 psi and compound.					
Ranges:	Equivalent metric ranges available					
Accuracy:	ASME B40.100, Grade B, ±3-2-3%					
	emp.: -40°F to 150°F (dry gauge)					
oporating i	$-40^{\circ}$ C to 65°C					
OPTIONAL	FEATURES					
Case:	Sealed case, field fillable (LJ)					
	Silicone filled (GV)					
	(-40°F to 150°F; -40°C to 65°C)					
Movement:						
Mounting H	ardware:					
	U-clamp (UC), front flange (FF), retrofit					
	flange (RF) – back connect only					
Socket:	Throttle Plugs, 0.007, "0.020," 0.063"					
	JIS, DIN and other connections on application					
Others:	Customized dials					
011613.	Nonstandard ranges					
	Special calibration on application					
COMMON						
COMMONLY USED ON						

Hydraulic systems, machine tools, pressure washers/sprayers, compressors, irrigation equipment, a variety of other applications



# Type 3005/3005P Metric Case Commercial Gauge

DIMENSIONS



Front Flange (XFF)

Retrofit Front Flange (XRF)

Size/Type	Α	В	С	СС	D	DD	Е	G	Н	М
63mm, 3005	(63)	(29)	(68)	(86)	(75)	(28)	(75)	(56)	(49)	(65)
	2.48	1.16	2.67	3.36	2.95	1.12	2.95	2.20	1.94	2.54
63mm, 3005P*	(64)	(31)	(68)					(56)		
	2.53	1.22	2.67					2.20		
*Lower connect only	Dimensions in (mm) inches.									

