

## Commercial Hydraulic Gauges Type 3005, 3005P, ASME B 40.1 Grade B (±3-2-3% of span)

- 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™ indication, a unique safety feature

Ashcroft® Type 3005 gauges provide superior performance in applications where vibration, pulsation, mechanical shock and pressure spikes are common factors thus making them the ideal choice for hydraulic applications.

These gauges offer a feature only available in Ashcroft gauges – the patented PowerFlex movement with polyester segment. This unique movement was designed to provide superior performance in stressful applications, resulting in extended gauge life.

True Zero indication, a standard feature on these gauges, reduces the potential risk of installing a damaged gauge on your equipment.



FlutterGuard™ is available for dry gauges to eliminate pointer flutter and extend gauge life.

### GAUGE SPECIFICATIONS

<b>Type no.:</b>	3005, 3005P	<b>Socket:</b>	Brass, O-ring case seal
<b>Accuracy:</b>	ASME B 40.1 Grade B (±3-2-3% of span)	<b>Restrictor:</b>	0.013" orifice brass throttle plug in all ranges except vacuum and 15 psi
<b>Size:</b>	63mm (2½")	<b>Connection:</b>	
<b>Case:</b>		3005:	¼ NPT lower and back
3005:	304 stainless steel, dry or liquid filled	3005P:	¼ NPT lower only
3005P:	Black ABS, dry or liquid filled	<b>Ranges:</b>	Vac.-15,000 psi and com- pound, equivalent metric scales available.
<b>Fill fluid:</b>	Glycerin	<b>Operating temperature:</b>	Dry gauge: -40°F to 150°F Glycerin filled: 20°F to 150°F
<b>Ring:</b>	None		
<b>Window:</b>	Polycarbonate with O-ring seal		
<b>Dial:</b>	Black figures on white background, aluminum		
<b>Pointer:</b>	Black, aluminum		
<b>Bourdon tube:</b>	"C" shaped bronze (Vac.- 600 psi and compound) Helical bronze (1000-6000 psi) Helical stainless steel (10,000-15,000 psi)		
<b>Movement:</b>	Patented PowerFlex with polyester segment		

### GAUGE OPTIONS

<b>Case:</b>	Factory variation code in ( ) Sealed case, fillable (XLJ)
<b>Mounting hardware:</b>	U-clamp (UC), Front Flange (FF), Retrofit Flange (RF), back connection only
<b>Socket:</b>	Throttle plugs, 0.007", 0.013", 0.020", 0.063" orifices
<b>Connections:</b>	JIS, DIN, SAE and others available on application
<b>Others:</b>	Customized dials Nonstandard ranges FlutterGuard (SF) Special calibration on application Clean for oxygen service – dry gauges only

### TO ORDER THIS TYPE 3005/3005P GAUGE:

<b>Select:</b>	63	W	3005	H	L	02L	1000#
1. Dial Size: 2½"	_____	_____	_____	_____	_____	_____	_____
2. Patented PowerFlex™ Movement	_____	_____	_____	_____	_____	_____	_____
3. Case Type Number: 3005	_____	_____	_____	_____	_____	_____	_____
4. Socket Material: Brass	_____	_____	_____	_____	_____	_____	_____
5. Liquid Filled Case:	_____	_____	_____	_____	_____	_____	_____
6. Connection Size/Location: ¼ NPT lower	_____	_____	_____	_____	_____	_____	_____
7. Range: 1000 psi	_____	_____	_____	_____	_____	_____	_____