

**Description & Features:**

- Solid front blowout back for the ultimate in gauge safety
- Full rotary movement and micrometer pointer for ease in calibration
- Overload stop
- Stainless steel case, socket and internals
- Safety glass lens
- Restricted orifice standard
- ASME B40.100 compliant (EN837-1 available)
- CRN registered
- 5 year warranty

Applications:

- Used where operator safety is a must
- Outdoor and severe ambient and process conditions
- Use where harmful vibration and pulsation are present (with liquid filling)
- Oil and gas, petrochemical, mining and power installations

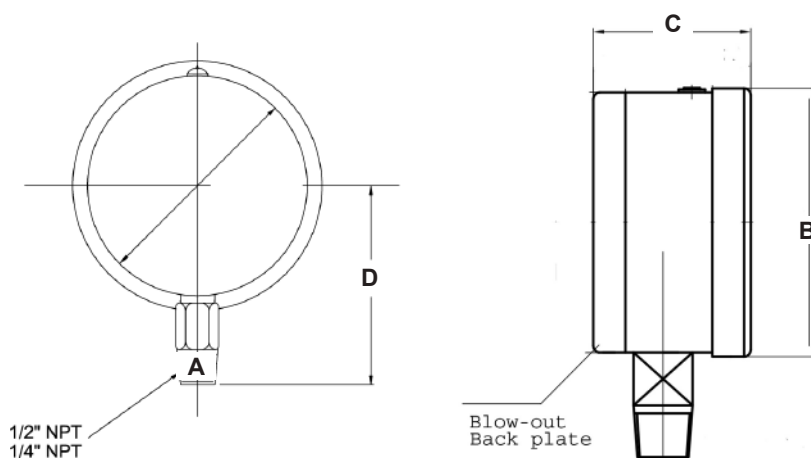
Specifications

Dial	4" (100mm), 4.5" (115mm), 6" (150mm), white aluminum with black and red markings
Case	304 SS case with blowout back
Lens	4" (100mm), 6" (150mm): Laminated safety glass 4.5" (115mm): Tempered safety glass
Ring	SS bayonet
Socket	316L SS
Connection	1/4" or 1/2" NPT bottom
Bourdon Tube	316L SS
Movement	304 SS overload stop
Pointer	Aluminum, anodized black, micrometer adjustable
Over-pressure Limit	25% for pressures up to 1,450 psi (9,998 kPa), 15% for pressures over 1,450 psi (9,998 kPa)
Working Pressure	Maximum 75% of full scale value
Ambient Temperature	Dry: -40°F to 250°F (-40°C to 120°C) Glycerin Filled: -4°F to 150°F (-20°C to 65°C)
Process Temperature	-40°F to 250°F (-40°C to 120°C)
Accuracy	4" (100mm), 6" (150mm): ±1% ANSI/ASME Grade 1A 4.5" (115mm): ±0.5% ANSI/ASME Grade 2A
Enclosure Rating	4" (100mm), 6" (150mm): IP67 per EN60529-1 (IEC529-1) 4.5" (115mm): IP65 per EN60529-1 (IEC529-1)

Order Codes

Dial Size	4" (100mm)		4.5" (115mm)		6" (150mm)	
Connection	1/4" Bottom	1/2" Bottom	1/4" Bottom	1/2" Bottom	1/4" Bottom	1/2" Bottom
30" Hg Vac/kPa	PSC248	PSC4870	PSC281	PSC4888	PSC283	PSC4906
30"/0/15 psi/kPa	PSC249	PSC4871	PSC282	PSC4889	PSC284	PSC4907
30"/0/30 psi/kPa	PSC257	PSC4872	PSC358	PSC4890	PSC285	PSC4908
30"/0/60 psi/kPa	PSC258	PSC4873	PSC359	PSC4891	PSC286	PSC4909
30"/0/100 psi/kPa	PSC259	PSC4874	PSC362	PSC4892	PSC287	PSC4910
30"/0/150 psi/kPa	PSC260	PSC4875	PSC363	PSC4893	PSC289	PSC4911
30"/0/200 psi/kPa	PSC261	PSC4876	PSC364	PSC4894	PSC296	PSC4912
30"/0/300 psi/kPa	PSC262	PSC4877	PSC365	PSC4895	PSC297	PSC4913
0/15 psi/kPa	PSC263	PSC4878	PSC366	PSC4896	PSC298	PSC4914
0/30 psi/kPa	PSC264	PSC4879	PSC367	PSC4897	PSC299	PSC4915
0/60 psi/kPa	PSC265	PSC4880	PSC368	PSC4898	PSC307	PSC4916
0/100 psi/kPa	PSC266	PSC4881	PSC369	PSC4899	PSC308	PSC4917
0/160 psi/kPa	PSC267	PSC4882	PSC370	PSC4900	PSC309	PSC4918
0/200 psi/kPa	PSC268	PSC4883	PSC371	PSC4901	PSC317	PSC4919
0/300 psi/kPa	PSC269	PSC4884	PSC372	PSC4902	PSC318	PSC4920
0/400 psi/kPa	PSC272	PSC4885	PSC373	PSC4903	PSC335	PSC4921
0/600 psi/kPa	PSC273	PSC4886	PSC374	PSC4904	PSC336	PSC4922
0/1,000 psi/kPa	-	PSC274	-	PSC375	-	PSC337
0/1,500 psi/kPa	-	PSC275	-	PSC376	-	PSC338
0/2,000 psi/kPa	-	PSC276	-	PSC377	-	PSC339
0/3,000 psi/kPa	-	PSC277	-	PSC378	-	PSC347
0/5,000 psi/kPa	-	PSC278	-	PSC379	-	PSC348
0/10,000 psi/kPa	-	PSC498	-	PSC380	-	PSC502
0/15,000 psi/kPa	-	PSC499	-	PSC381	-	PSC504
0/20,000 psi/kPa	-	PSC4887	-	PSC4905	-	PSC4923

Other ranges and connection sizes available upon request.



Dial	A	B	C	D
4" (100mm)	4.1" (105mm)	4.67" (119mm)	2.44" (57mm)	3.80" (96.5mm)
4.5" (115mm)	4.38" (111.3mm)	5.04" (128mm)	2.38" (60.5mm)	4.173" (106mm)
6" (150mm)	5.69" (144.6mm)	6.34" (161mm)	2.74" (69.5mm)	4.843" (123mm)

Engineering Codes

PSC ENGINEERED PART NUMBER	
DIAL SIZE	4" (100mm) 4.5" (115mm) 6" (160mm)
PRESSURE SCALE & RANGE	SEE PRESSURE RANGES
CASE MATERIAL	304SS 316SS 316L
WETTED PARTS	316L MONEL
PROCESS CONNECTION SIZE	1/4" 3/8" 1/2" 3/4"
PROCESS CONNECTION TYPE	NPT BSPP (G), PARALLEL BSPT (R), TAPERED
PROCESS CONNECTION LOCATION	BOTTOM, STEM
ACCURACY %	0.5 1.0
OPTIONS, LIST IN ALPHA-NUMERIC ORDER	GLYCERIN FILL (FOOD GRADE) GLYCERIN WATER FILL SILICONE FILL SILICONE FILL, LOW TEMPERATURE FLUOROLUBE FILLED HALOCARBON FILLED DRY CASE SAFETY GLASS, LAMINATED SAFETY GLASS, TEMPERED 316SS POLISHED RING 316L POLISHED RING RESTRICTOR SCREW NO RESTRICTOR SCREW / ORIFICE MOVEMENT 316SS MOVEMENT 316L EN-837 ON-DIAL ASME B40.100 ON-DIAL CUSTOM DIAL, SIMPLE CUSTOM DIAL, COMPLEX WINBRIGHT DIAL REFLECTIVE FLUORESCENT YELLOW-GREEN WINBRIGHT DIAL REFLECTIVE FLUORESCENT YELLOW WINBRIGHT DIAL FLUORESCENT YELLOW WINBRIGHT DIAL REFLECTIVE ORANGE WINBRIGHT DIAL REFLECTIVE WHITE WINBRIGHT DIAL GLOW-IN-THE-DARK WHITE MAXIMUM ADJUSTABLE POINTER MINIMUM ADJUSTABLE POINTER RED SET POINTER NACE COMPLIANT STABILIZR® SPECIAL