Data Sheet

1377 Duragauge® Pressure Gauge



FEATURES

- Solid front safety case with pressure relief back
- Dial sizes 4½, 6 and 8½
- ±0.5% of span (ASME B40.100 Grade 2A)
- Customizable dial printing options

TYPICAL USES

- Refineries
- Chemical and petrochemical plants
- Offshore oil rigs
- Water and wastewater pressure control
- Pulp and water
- Mining and metals
- Equipment skids
- Specialized OEM equipment



41⁄2" dial size

SPECIFICATIONS

Accuracy:	euracy: $\pm 0.5\%$ of span (ASME B40.100 Grade 2A)							
Dial Sizes:	41⁄2″, 6″, 81⁄2″							
Process Connection:	1/4 NPT, 1/2 NPT, 9/16-18 UNF-2B (high pressure connection)							
Process Connection Location:	Lower, back							
Ranges:	Vacuum, compound to 30	,000) psi					
Case Style:	Solid front with pressure	relie	f back					
Movement:	Rotary, adjustable, 400 S	S, Te	flon [®] coated					
Window Material:	Glass (STD.), safety glass non-glare glass (OPT.)	, acı	rylic,					
Pointer:	Micrometer, adjustable, aluminum, maximum							
Weather Protection:	on: Dry case: Case not sealed, recommended for weather protected environment only							
Mounting:	Stem, surface, flush or remote							
Dampening:								
Approvals:	CRN							
WETTED COMPON	ENTS							
Bourdon Tube	Process Connection	Joints						
316L SS	316L SS	Welded						
316L SS	Steel	I Welded						
K-Monel [®] 500 Tube	e Monel [®] 400 Welded							
C510 Phos. Bronze	Brass Silver brazed							
NON-WETTED CO	MPONENTS							
Case	Ring		Back Cover					
Aluminum, black epoxy	Aluminum, black epoxy Steel, hinged, black enamel 300 SS							

KEY BENEFITS • Ideal for panel mounting • Available 8½² dial size for remote reading

MIN/MAX TEMPERATURE LIMITS												
Version	Ambient	Process	Storage									
Dry	-20 °F to 200 °F (-29 °C to 93 °C)	-20 °F to 250 °F (-29 °C to 121 °C)	-40 °F to 250 °F (-40 °C to 121 °C)									

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1377 Duragauge[®] Pressure Gauge

Dial Size/Nodel Code 451377 - 447 aluminum case 451377 - 447 aluminum case 651377 - 547 aluminum case 851377 - 847 aluminum case 851377 - 847 aluminum case 851377 - 847 aluminum case System (tube and process connection) A - Bronze tube, brass process connection, max, pressure 30,000 psi R - 316L SS tube, steel process connection, max, pressure 20,000 psi S - 316 SS tube and 316L SS process connection, max, pressure 20,000 psi S - 361d font case, dry Process Connection Sizes Q - 'W NPT Male, NA for ranges over 20,000 psi Q - 'W NPT Male, NA for ranges over 20,000 psi Q - 'W NPT Male, NA for ranges over 20,000 psi Q - 'W NPT Male, NA for ranges over 20,000 psi Q - 'W NPT Male, NA for ranges over 20,000 psi Q - 'W NPT Male, NA for ranges over 20,000 psi Q - 'W NPT Male, NA for ranges over 20,000 psi Q - 'W NPT Male, NA for ranges over 20,000 psi Q - 'W NPT Male, NA for ranges over 20,000 psi Q - 'W NPT Male, NA for ranges over 20,000 psi Q - 'W NPT Male, NA for ranges over 20,000 psi D - Side (3 c'lock) E - Side (a c'lock) E - Side (a c'lock) E - Side (a c'lock) <t< th=""><th>ORDERING CODE</th><th>Example:</th><th>451377</th><th>S</th><th>S</th><th>04</th><th>L</th><th>XLL</th><th>15#</th></t<>	ORDERING CODE	Example:	451377	S	S	04	L	XLL	15#
601377 - 6' aluminum case 851377 - 8'' aluminum case 851377 - 8'' aluminum case 851377 - 8'' aluminum case System (tube and process connection) A - Bronze tube, brass process connection, max. pressure 30,000 psi P - K-Monel® 500 tube, Monel® 400 process connection, max. pressure 20,000 psi S - 316 SS tube and 316L SS process connection, max. pressure 20,000 psi S - 316 SS tube and 316L SS process connection, max. pressure 20,000 psi S - Solid front case, dry Process Connection Sizes Q - 'W NPT Male, N/A for ranges over 20,000 psi Q - 'W NPT Male, N/A for ranges over 20,000 psi Q - 'W NPT Male, N/A for ranges over 20,000 psi Q - 'W NPT Male, N/A for ranges over 20,000 psi Q - 'W NPT Male, N/A for ranges over 20,000 psi Q - 'W NPT Male, N/A for ranges over 20,000 psi Q - 'W NPT Male, N/A for ranges over 20,000 psi Q - 'W NPT Male, N/A for ranges over 20,000 psi D - 'W NPT Male, N/A for ranges over 20,000 psi Q - 'W NPT Male, N/A for ranges over 20,000 psi D - Side (3 o'clock) L - Lower L - Lower L - Lower S - Side connection (9 o'clock) T - To pconnection Q - VLUSI' Performance	Dial Size/Model Code								
851377 - 8½" aluminum case System (tube and process connection) A - Bronze tube, brass process connection, max, pressure 30,000 psi P - K-Monel® 500 tube, Monel® 400 process connection, max, pressure 20,000 psi S - 316 SS tube and 316L SS process connection, max, pressure 20,000 psi S - 316 SS tube and process connection, max, pressure 20,000 psi S - 316 SS tube and process connection Case Design S - Solid front case, dry Process Connection Sizes 02 - ½ NPT Male, N/A for ranges over 20,000 psi O4 - ½ NPT Male, N/A for ranges over 20,000 psi O4 - ½ NPT Male, N/A for ranges over 20,000 psi O4 - ½ NPT Male, N/A for ranges over 20,000 psi O4 - ½ NPT Male, N/A for ranges over 20,000 psi O4 - ½ NPT Male, N/A for ranges over 20,000 psi D - % 18 UNF-2B, high pressure fitting, standard for pressures over 20,000 psi D - % 18 UNF-2B, high pressure fitting, standard for pressures over 20,000 psi D - % 18 UNF-2B, high pressure fitting, standard for pressures over 20,000 psi D - % 18 UNF-2B, high pressure fitting, standard for pressures over 20,000 psi D - Side (3 o'clock)	451377 - 41/2" aluminum case		451377						
System (tube and process connection) A - Bronze tube, brass process connection, max, pressure connection 1,000 psi P - K-Monel® 500 tube, Monel® 400 process connection, max, pressure 30,000 psi R - 316L SS tube and 316L SS process connection, max, pressure 20,000 psi S - 3016 font case, dry Process Connection Sizes 02 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ DV - 28, high pressure fittig, standard for pressures over 20,000 psi 05 - % 18 UNF-28, high pressure fittig, standard for pressures over 20,000 psi 0 - ½ NPT Male, N/A for ranges over 20,000 psi 1 - L-Uwer L L - LUWEr L D - Side (3 o'clock) L E - Side on option(s) must include a "X") (See table 1 on page 3 for more options)	601377 - 6" aluminum case								
A - Bronze tube, brass process connection, max. pressure 30,000 psi P - K-Monel® 500 tube, Monel® 400 process connection, max. pressure 30,000 psi B - 316L SS tube, steel process connection, max. pressure 20,000 psi S - 316 SS tube and 316L SS process connection, max. pressure 20,000 psi S - 316 SS tube and and process connection, max. pressure 20,000 psi S - Solid front case, dry Process Connection Sizes 22 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 05 - Å tuch on baccess over 04 - ½ NPT Male, Male	851377 - 81/2" aluminum case								
P - K-Monel* 500 tube, Monel* 400 process connection, max. pressure 30,000 psi R - 3161. SS tube, steel process connection, max. pressure 20,000 psi S - 316 SS tube, and 3161. SS process connection, max. pressure 20,000 psi S - 316 SS tube and 3161. SS process connection Case Design S - Solid front case, dry Process Connection Sizes Q2 - ¼ NPT Male, N/A for ranges over 20,000 psi O4 - ¼ NPT Male, N/A for ranges over 20,000 psi O4 - ¼ NPT Male, N/A for ranges over 20,000 psi Process Connection Location L - Lower L - Lower L - Lower L - Side (3 o'clock) E - Side (3 o'clock) S - Solid for no accessory to gauge. Applicable to PL02 pressure limiting valve, V01,V02 valves, 1088, 1100, 1198, 2198 siphons, 7001, 7004 needle valves, 1115 capillary, 1106 pulsation dampner, 1112, PD02 pressure snubbers, MDV svivel adapter, 2265 electric warning contact Single Scales 15# - 15p si 15# 15 15# - 15p si 15# 15# - 15p si 15# 15# - 15p si 15# 15# - 15p si 100 + 100 kPa	System (tube and process connection)								
P - K-Monel* 500 tube, Monel* 400 process connection, max. pressure 30,000 psi R - 3161. SS tube, steel process connection, max. pressure 20,000 psi S - 316 SS tube, and 3161. SS process connection, max. pressure 20,000 psi S - 316 SS tube and 3161. SS process connection Case Design S - Solid front case, dry Process Connection Sizes Q2 - ¼ NPT Male, N/A for ranges over 20,000 psi O4 - ¼ NPT Male, N/A for ranges over 20,000 psi O4 - ¼ NPT Male, N/A for ranges over 20,000 psi Process Connection Location L - Lower L - Lower L - Lower L - Side (3 o'clock) E - Side (3 o'clock) S - Solid for no accessory to gauge. Applicable to PL02 pressure limiting valve, V01,V02 valves, 1088, 1100, 1198, 2198 siphons, 7001, 7004 needle valves, 1115 capillary, 1106 pulsation dampner, 1112, PD02 pressure snubbers, MDV svivel adapter, 2265 electric warning contact Single Scales 15# - 15p si 15# 15 15# - 15p si 15# 15# - 15p si 15# 15# - 15p si 15# 15# - 15p si 100 + 100 kPa	A - Bronze tube, brass process connection,	max. pressure connection 1,000 psi	i		-				
S - 316 SS tube and 316L SS process connection, max. pressure 20,000 psi S WW - Inconel® 718 tube and process connection Case Design S - Solid front case, dry Process Connection Sizes Process Connection Sizes 04 Va / Y NPT Male, N/A for ranges over 20,000 psi 04 O4 - ½ NPT Male, N/A for ranges over 20,000 psi 04 Process Connection Location L L - lower L B - Back L D - Side (3 o'clock) E E - Side connection (9 o'clock) L T - Top connection VL Process Connection (9 o'clock) L L - PLUS!" Performance LL NL - PLUS!" Performance, silicone free LL BB - Cleaned for gaseous, oxygen service NH+ Sile Steel tag wired to case SG SG - Attach one accessory to gauge. Applicable to PL02 pressure limiting valve, V01,V02 valves, 1098, 1100, 1198, 2198 siphons, 7001, 7004 needle valves, 1115 capillary, 1106 pulsation dampner, 1112, PD02 pressure snubbers, MDV swivel adapter, 2265 electric warning contact Single Scales Sigle Scales 100KP - 100 kPa Dul Scales Dul Scales Sigle Scales 100KP - 100 kPa					-				
WW - Inconel® 718 tube and process connection Case Design S - Solid front case, dry Process Connection Sizes 02 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 05 - % 18 UNP-2B, high pressure sintiting value, Vol,002 value, 108, 1100, 1198, 2198 siphons, 7001, 7004 needle values, 1115 capillary, 1106 pulsation dampner, 1112, PD02 pressure snubbers, MDV swile dapter, 2265 electric warning contact H-1 Stainles Stelet ag wired to case 5G - Attach one accessory to gauge. Applicable to PL02 pressure limiting value, V01,V02 values, 1098, 1100, 1198, 2198 siphons, 7001, 7004 needle values, 1115 capillary, 1106 pulsation dampner, 1112, PD02 pressure snubbers, MDV swirel adapter, 2265 electric warning contact	R - 316L SS tube, steel process connection	, max. pressure 20,000 psi	•		-				
Case Design S - Solid front case, dry Process Connection Sizes C2 - ½, NPT Male, N/A for ranges over 20,000 psi 04 - ½, NPT Male, N/A for ranges over 20,000 psi 04 - ½, NPT Male, N/A for ranges over 20,000 psi 04 - ½, NPT Male, N/A for ranges over 20,000 psi 04 - ½, NPT Male, N/A for ranges over 20,000 psi Process Connection Location L - Lower L - Lower S - Side (3 o'clock) E - Side connection (9 o'clock) T - Top connection Options (If choosing an option(s) must include a "X") (See table 1 on page 3 for more options) X_ LL - PLUS!" Performance LL NZ - PLUS!" Performance, silicone free 68 B - Cleaned for gaseoux, oxygen service LL NH - Stainless Steel tag wired to case 56 SG - Attach one accessory to gauge. Applicable to PL02 pressure limiting valve, V01,V02 valves, 1098, 1100, 1198, 2198 siphons, 7001, 7004 needle valves, 1115 capillary, 1106 pulsation dampner, 1112, PD02 pressure snubbers, MDV swivel adapter, 2265 electric warning contact Range (coding examples only, see range table on page 4 for all standard ranges) Sift Single Scales 15# 100KP - 100 kPa Dul Scales Dul Scales 15#	S - 316 SS tube and 316L SS process conn	ection, max. pressure 20,000 psi		S	-				
S - Solid front case, dry Process Connection Sizes 02 - ¼ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 05 - Attach one accessory to gauge. Applicable to PL02 pressure limiting valve, V01,V02 valves, 1098, 1100, 1198, 2198 siphons, 7001, 7004 needle valves, 1115 capillary, 1106 pulsation dampner, 1112, PD02 pressure snubbers, MDV swivel adapter, 2265 electric warning contact Range (coding examples only, see range table on page 4 for all standard ranges) Single Scales 15# - 15 psi 107 1	WW - Inconel® 718 tube and process conne	ction			-				
Process Connection Sizes 02 - ¼ NPT Male, N/A for ranges over 20,000 psi 04 - ¼ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 - ½ NPT Male, N/A for ranges over 20,000 psi 09 - ½ n 18 (G o clock) T - Top connection VL - PLUS!" Performance LL - PLUS!" Performance, silicone free 6B - Cleaned for gaseous, oxygen service NH - Stainless Steel tag wired to case 5G - Attach one accessory to gauge. Applicable to PL02 pressure limiting valve, V01,V02 valves, 1098, 1100, 1198, 2198 siphons, 7001, 7004 needle valves, 1115 capillary, 1106 pulstation dampner, 1112, PD02 pressure snubbers, MDV swivel adapter, 2265 elec	Case Design				-				
02 - 'k NPT Male, N/A for ranges over 20,000 psi 04 04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 09 - %u 18 UNF-28, high pressure fitting, standard for pressures over 20,000 psi 04 Process Connection Location L L - Lower L B - Back L D - Side (3 o'clock) L E - Side connection (9 o'clock) L T - Top connection V	S - Solid front case, dry								
04 - ½ NPT Male, N/A for ranges over 20,000 psi 04 09 - ‰ 18 UNF-2B, high pressure fitting, standard for pressures over 20,000 psi 04 Process Connection Location L L - Lower L B - Back D D - Side (3 o'clock) E E - Side connection (9 o'clock) T T - Top connection V	Process Connection Sizes								
09 • %s 18 UNF-2B, high pressure fitting, standard for pressures over 20,000 psi Process Connection Location L - Lower B - Back D - Side (3 o'clock) E - Side connection (9 o'clock) T - Top connection Options (If choosing an option(s) must include a "X") (See table 1 on page 3 for more options) X_ LL -PLUS! ^m Performance LL NZ - PLUS! ^m Performance, silicone free 6B 6B - Cleaned for gaseous, oxygen service NH - Stainless Steel tag wired to case 5G - Attach one accessory to gauge. Applicable to PL02 pressure limiting valve, V01,V02 valves, 1098, 1100, 1198, 2198 siphons, 7001, 7004 needle valves, 1115 capillary, 1106 pulsation dampner, 1112, PD02 pressure snubbers, MDV swivel adapter, 2265 electric warning contact Range (coding examples only, see range table on page 4 for all standard ranges) Single Scales 15# - 15 psi 15# 16R - 1 kg/sm ² 100KP - 100 kPa Dual Scales 15#/BR - 15 psi inner scale, 1 bar outer scale	02 - 1/4 NPT Male, N/A for ranges over 20,00	0 psi					-		
Process Connection Location L - Lower L B - Back D - Side (3 o'clock) E - Side connection (9 o'clock) Top connection (9 o'clock) T - Top connection Options (If choosing an option(s) must include a "X") (See table 1 on page 3 for more options) X	04 - 1/2 NPT Male, N/A for ranges over 20,00	0 psi				04	-		
L - Lower L B - Back	09 - % 18 UNF-2B, high pressure fitting, sta	andard for pressures over 20,000 psi	i				-		
B - Back D - Side (3 o'clock) E - Side connection (9 o'clock) T - Top connection Options (If choosing an option(s) must include a "X") (See table 1 on page 3 for more options) X_ LL - PLUS!" Performance LL NZ - PLUS!" Performance, silicone free 6B - Cleaned for gaseous, oxygen service NH - Stainless Steel tag wired to case 5G - Attach one accessory to gauge. Applicable to PL02 pressure limiting valve, V01,V02 valves, 1098, 1100, 1198, 2198 siphons, 7001, 7004 needle valves, 1115 capillary, 1106 pulsation dampner, 1112, PD02 pressure snubbers, MDV swivel adapter, 2265 electric warning contact Range (coding examples only, see range table on page 4 for all standard ranges) Single Scales 15# - 15 psi 15# / BR - 1 bar 1KG - 1 kg/sm ² 100KP - 100 kPa Dual Scales 15#/BR - 15 psi inner scale, 1 bar outer scale	Process Connection Location						-		
D - Side (3 o'clock) E - Side connection (9 o'clock) T - Top connection Options (If choosing an option(s) must include a "X") (See table 1 on page 3 for more options) X	L - Lower						L		
E - Side connection (9 o'clock) T - Top connection Options (If choosing an option(s) must include a "X") (See table 1 on page 3 for more options) LL - <i>PLUS!</i> [™] Performance LL NZ - <i>PLUS!</i> [™] Performance, silicone free 6B - Cleaned for gaseous, oxygen service NH - Stainless Steel tag wired to case 5G - Attach one accessory to gauge. Applicable to PL02 pressure limiting valve, V01,V02 valves, 1098, 1100, 1198, 2198 siphons, 7001, 7004 needle valves, 1115 capillary, 1106 pulsation dampner, 1112, PD02 pressure snubbers, MDV swivel adapter, 2265 electric warning contact Range (coding examples only, see range table on page 4 for all standard ranges) Single Scales 15# - 15 psi 15# - 15 psi 10KP - 100 kPa Dual Scales 15#/BR - 15 psi inner scale, 1 bar outer scale	B - Back								
T - Top connection X_ Options (If choosing an option(s) must include a "X") (See table 1 on page 3 for more options) X_ LL - PLUS!" Performance LL NZ - PLUS!" Performance, silicone free 6B - Cleaned for gaseous, oxygen service NH - Stainless Steel tag wired to case 5G - Attach one accessory to gauge. Applicable to PL02 pressure limiting valve, V01,V02 valves, 1098, 1100, 1198, 2198 siphons, 7001, 7004 needle valves, 1115 capillary, 1106 pulsation dampner, 1112, PD02 pressure snubbers, MDV swivel adapter, 2265 electric warning contact Range (coding examples only, see range table on page 4 for all standard ranges) 5f + 15 psi Single Scales 15# 15# - 1 bar 15# 1KG - 1 kg/sm ² 100KP - 100 kPa Dual Scales 15#/BR - 15 psi inner scale, 1 bar outer scale	D - Side (3 o'clock)								
Options (If choosing an option(s) must include a "X") (See table 1 on page 3 for more options) X	E - Side connection (9 o'clock)								
LL - PLUS!" Performance LL NZ - PLUS!" Performance, silicone free 6B 6B - Cleaned for gaseous, oxygen service NH NH - Stainless Steel tag wired to case 5G 5G - Attach one accessory to gauge. Applicable to PL02 pressure limiting valve, V01,V02 valves, 1098, 1100, 1198, 2198 siphons, 7001, 7004 needle valves, 1115 capillary, 1106 pulsation dampner, 1112, PD02 pressure snubbers, MDV swivel adapter, 2265 electric warning contact Range (coding examples only, see range table on page 4 for all standard ranges) Single Scales 15# - 15 psi 15# 1BR - 1 bar 15# 1KG - 1 kg/sm ² 100KP - 100 kPa Dual Scales 15#/BR - 15 psi inner scale, 1 bar outer scale	T - Top connection								
NZ - PLUS! [™] Performance, silicone free 6B - Cleaned for gaseous, oxygen service NH - Stainless Steel tag wired to case 5G - Attach one accessory to gauge. Applicable to PL02 pressure limiting valve, V01,V02 valves, 1098, 1100, 1198, 2198 siphons, 7001, 7004 needle valves, 1115 capillary, 1106 pulsation dampner, 1112, PD02 pressure snubbers, MDV swivel adapter, 2265 electric warning contact Range (coding examples only, see range table on page 4 for all standard ranges) Single Scales 15# - 15 psi 15# - 15 psi 100KP - 100 kPa Dual Scales 15#/BR - 15 psi inner scale, 1 bar outer scale	Options (If choosing an option(s) must inc	clude a "X") (See table 1 on page 3	B for more option	ons)				X	
6B - Cleaned for gaseous, oxygen service NH - Stainless Steel tag wired to case 5G - Attach one accessory to gauge. Applicable to PL02 pressure limiting valve, V01,V02 valves, 1098, 1100, 1198, 2198 siphons, 7001, 7004 needle valves, 1115 capillary, 1106 pulsation dampner, 1112, PD02 pressure snubbers, MDV swivel adapter, 2265 electric warning contact Range (coding examples only, see range table on page 4 for all standard ranges) Single Scales 15# - 15 psi 15# 1BR - 1 bar 15# 100KP - 100 kPa Dual Scales Dual Scales 15#/BR - 15 psi inner scale, 1 bar outer scale	LL - PLUS! [™] Performance							LL	
NH - Stainless Steel tag wired to case 56 5G - Attach one accessory to gauge. Applicable to PL02 pressure limiting valve, V01,V02 valves, 1098, 1100, 1198, 2198 siphons, 7001, 7004 needle valves, 1115 capillary, 1106 pulsation dampner, 1112, PD02 pressure snubbers, MDV swivel adapter, 2265 electric warning contact Range (coding examples only, see range table on page 4 for all standard ranges) Single Scales 15# - 15 psi 15# 1BR - 1 bar 115 100KP - 100 kPa Dual Scales Dual Scales 15#/BR - 15 psi inner scale, 1 bar outer scale	NZ - PLUS! [™] Performance, silicone free								
5G - Attach one accessory to gauge. Applicable to PL02 pressure limiting valve, V01,V02 valves, 1098, 1100, 1198, 2198 siphons, 7001, 7004 needle valves, 1115 capillary, 1106 pulsation dampner, 1112, PD02 pressure snubbers, MDV swivel adapter, 2265 electric warning contact Range (coding examples only, see range table on page 4 for all standard ranges) Single Scales 15# - 15 psi 15# 1BR - 1 bar 15# 1KG - 1 kg/sm² 100KP - 100 kPa Dual Scales 15#//FBR - 15 psi inner scale, 1 bar outer scale	6B - Cleaned for gaseous, oxygen service								
2198 siphons, 7001, 7004 needle valves, 1115 capillary, 1106 pulsation dampner, 1112, PD02 pressure snubbers, MDV swivel adapter, 2265 electric warning contact Range (coding examples only, see range table on page 4 for all standard ranges) Single Scales 15# - 15 psi 15# 1BR - 1 bar 15# 1KG - 1 kg/sm² 100KP - 100 kPa Dual Scales 15#/HBR - 15 psi inner scale, 1 bar outer scale	NH - Stainless Steel tag wired to case								
Single Scales 15# 15# - 15 psi 15# 1BR - 1 bar 15# 1KG - 1 kg/sm² 100KP - 100 kPa Dual Scales 15#/BR - 15 psi inner scale, 1 bar outer scale	2198 siphons, 7001, 7004 needle valve	es, 1115 capillary, 1106 pulsation da				-	MDV		
15# - 15 psi 15# 1BR - 1 bar 1 1KG - 1 kg/sm² 1 100KP - 100 kPa 1 Dual Scales 1 15#/BR - 15 psi inner scale, 1 bar outer scale 1	Range (coding examples only, see range	table on page 4 for all standard ra	anges)						
1BR - 1 bar 1KG - 1 kg/sm² 100KP - 100 kPa Dual Scales 15#/BR - 15 psi inner scale, 1 bar outer scale	Single Scales								
1KG - 1 kg/sm ² 100KP - 100 kPa Dual Scales 15#/BR - 15 psi inner scale, 1 bar outer scale	15# - 15 psi								15#
100KP - 100 kPa Dual Scales 15#/BR - 15 psi inner scale, 1 bar outer scale	1BR - 1 bar								
Dual Scales 15#/BR - 15 psi inner scale, 1 bar outer scale	1KG - 1 kg/sm ²								
15#/BR - 15 psi inner scale, 1 bar outer scale	100KP - 100 kPa								
	Dual Scales								
1BR/# - 1 bar inner scale, 15 psi outer scale	15#/BR - 15 psi inner scale, 1 bar outer sca	le							
	1BR/# - 1 bar inner scale, 15 psi outer scale	9							

When selecting a diaphragm seal or isolation ring, refer to the Min/Max Guide for compatibility with this gauge or scan the QR code to the right.





1377 Duragauge[®] Pressure Gauge

TABLE 1 (Odering Codes Continued)

CODE	OPTION
AB	Gauges calibrated to compensate for absolute pressure
DA	Dial marking (text marking on the dial)
EP	Maximum pointer (adjustable, N/A with liquid filled or hermetically sealed cases)
HY	Hydrostatic/pneumatic testing (system pressurized to 150% of rated system pressure for 5 minutes. Overload stop STD.)
NG	Non-glare glass (N/A with liquid fill or hermetically sealed cases)
OS	Overload stop
PD	Acrylic window (STD. with liquid filled or hermetically sealed cases)
SH	Red set hand, stationary
SG	Safety glass
TS	Throttle screw (STD. with liquid filled, hermetically sealed or PLUS! [™] Performance)
VS	Underload stop
C4	Individual calibration chart (in accordance with ASME B40.100:2013. Accuracy traceable to NIST)
D3	DuraVis™ retroreflective dial (41⁄₂" and dry case only)



1377 Duragauge[®] Pressure Gauge

STA	NDARD PRE	SSURE RAN	GES		
E	psi	bar	kPa	mPa	kg/cm ²
Vacuum	30IMV	N1BR	N100KP	N1MP	N1KG
Vac	_	N1/0.6BR	N100/60KP	0.1/0.06MP	N1/0.6KG
	V/15#	_	_	_	_
	-	N1/1.5BR	N100/150KP	N.1/0.15MP	N1/1.5KG
þ	V/30#	-	_	_	-
Compound	_	N1/3BR	N100/300KP	N.1/0.3MP	N1/3KG
ď	V/60#	_	_	_	_
చ	_	N1/5BR	N100/500KP	N.1/.5MP	N1/5KG
	V/100#	_	_	_	_
	_	N1/9BR	N100/900KP	N.1/.9MP	N1/9KG
	15#	1BR	100KP	0.1MP	1KG
	20#	-	_	_	_
	_	1.6BR	160KP	0.16MP	1.6KG
	30#	_	_	_	_
	_	2.5BR	250KP	0.25MP	2.5KG
	60#	4BR	400KP	0.4MP	4KG
	_	6BR	600KP	0.6MP	6KG
	100#	-	-	-	-
	120#	_	-	-	-
	-	10BR	1000KP	1MP	10KG
	160#	-	-	-	-
	200#	-	-	-	-
	-	16BR	1600KP	1.6MP	16KG
	300#	-	-	-	-
	-	25BR	2500KP	2.5MP	25KG
	400#	-	-	-	-
Positive Pressure	500#	_	-	-	-
	600#	40BR	4000KP	4MP	40KG
e Pi	800#	-	-	-	-
litiv	-	60BR	6000KP	6MP	60KG
Pos	1000#	-	-	-	-
	1500#	100BR	10000KP	10MP	100KG
	2000#	-	-	-	-
	-	160BR	16000KP	16MP	160KG
	3000#	-	-	-	-
	-	250BR	25000KP	25MP	250KG
	4000#	-	-	-	-
	5000#	-	-	-	-
	6000#	400BR	40000KP	40MP	400KG
	8000#	-	-	-	-
	-	600BR	60000KP	60MP	600KG
	10000#	-	-	-	-
	15000#	1000BR	100000KP	100MP	1000KG
	20000#	-	-	-	-
	-	1600BR	-	160MP	1600KG
	30000#	-	-	-	-
		2500BR	-	250MP	2500KG
	50000#	-	-	-	
	-	4000BR	-	400MP	4000KG
	80000#	-	-	-	
	-	6000BR	-	600MP	6000KG
	100000#	-	-	-	-

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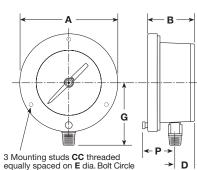
1377 Duragauge® Pressure Gauge

DIMENSIONS in [] are millimeters

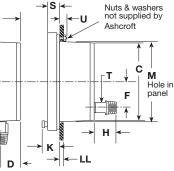
Drawings are for reference only, consult Ashcroft for specific dimensional drawings.

Dial Size Inches	А	В	с	D	E	F	G	н	К	М	Р	S	т	U	сс	LL	Weight (lbs)
4 ½	6 [152]	2¾ [73]	4¾ [121]	1¼ [27]	5¾ [137]	1% [41]	3 ¹⁵ ⁄16 [100]	1¾ [35]	11⁄16 [27]	41/8 [124]	21⁄% [54]	⁵‰ [16]	⁵% [16]	³ ⁄4 [19]	#10-24	¹ /8-1/2 [3][13]	2.5
6	7%16 [192]	2% [73]	4¾ [121]	11⁄16 [27]	7 [178]	1% [41]	4½ [114]	1¾ [35]	11⁄16 [27]	6½ [165]	21⁄% [54]	⁵‰ [16]	⁵% [16]	³⁄₄ [19]	1⁄4-20	¹ /8-1/2 [3][13]	2.5
81⁄2	10¼ [257]	2¾ [73]	4¾ [121]	11⁄16 [27]	9⁵% [244]	1% [41]	6 [152]	1¾ [35]	11⁄16 [27]	9 [229]	21⁄% [54]	⁵‰ [16]	⁵% [16]	³ ⁄4 [19]	1⁄4-20	¹ /8-1/2 [3][13]	4.5

1377 41/2" and 6" lower connection

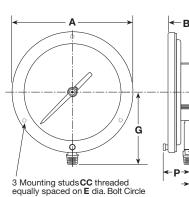


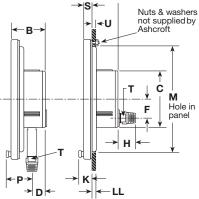
1377 41/2" and 6" back connection



1377 81/2" lower connection

1377 81/2" back connection





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