

OPTION	CODE	FEATURES				
A Product Type	1	Pressure Gauges				
	2	Pneumo Depth Gauges (Sea Water depth measurement)				
	3	Caisson Gauges (6" and 8.5" only)				
B Accuracy*	0	±0.25% F.S. (Calibration Certificate included)				
	1	±0.5% F.S.				
	2	±0.5% F.S. at M.S. / ±1.0% F.S.				
	* See Accuracy Specifications for more details					
C Dial Size	0	6"				
	1	4.5"				
	2	3.5"				
	3	2.5"				
	4	2"				
	8	8.5"				
D Case Type	F	Front Flange (2.5", 4.5", 6", 8.5")				
	M	No Flange Metal (4.5"; Flange Kit available, Stainless Steel Case, Aluminum Ring)				
	N	No Flange (2", 2.5", 4.5", 6", 8.5")				
	R	Rear Flange (2.5", 4.5", 6")				
	S	No Flange Stainless Steel (4.5"; Flange Kit available)				
	T	Turret (3.5" and 4.5")				
E Pointer Type	I	Process (bold, easy-reading)				
	T	Test (knife-edged, precision reading)				
F Dial Trim		Dial Size	Mirror Band	Pointer Dampening	External Zero Adjust	Material *
	A	2.5", 4.5", 6", 8.5"	No	No	Yes	Stainless Steel
	B	2.5", 4.5", 6", 8.5"	No	Yes	Yes	Stainless Steel
	D	All Sizes	No	Yes	No	Stainless Steel
	M	2.5", 4.5", 6", 8.5"	Yes	Yes	Yes	Stainless Steel
	N	All Sizes	No	No	No	Stainless Steel
	R	Obsolete (same as "D")				
	S	Obsolete (same as "N")				
	W	2.5", 4.5", 6", 8.5"	Yes	No	Yes	Stainless
	* All 2" dials are aluminum.					
G Pressure Range	XX	A two character code specifies pressure range and units of measurement. See Dial Availability Chart for available ranges and their corresponding codes.				

H Case Color		Color	Available Case Types/ Sizes		
	A	Black	All case types and sizes		
	B	Blue	All case types except 3.5" Turret		
	F	Gray	Metal, Aluminum and SS cases only		
	G	Green	4.5" & 6" Front, No, Rear Flange/ 8.5" Front Flange		
	H	High-Temp Yellow	4.5" Turret Only (Glass-Filled Nylon)		
	R	Red	All case types except 3.5" Turret		
	S	Skydrol Purple	Aluminum cases only (Purple anodized ring w/ unpainted case)		
	U	Unpainted	Metal, Aluminum and SS cases only		
	W	White	4.5" & 6" Front, No, Rear Flange/ 8.5" Front Flange		
	X	Customer Specified	Consult factory		
	Y	Yellow	All case types except 3.5" Turret		
I Fitting Position	0	Rear			
	2	Bottom (6 o'clock position)			
	4	Top (12 o'clock position)			
J Fitting Type	Standard Connection				
	1	1/4 NPT		6	AS5202-04 / MS33649-04
	2	1/8 NPT		7	1/4 VCO Male
	3	1/2 NPT		8	9/16-18 O-ring Union (MIL-G-18997)
	4	AS33514E4 / MS33514E4		9	1/4 BSP
	5	AS4395E04 / MS33656E4		X	Customer Specified (VCR style, etc.)
	Welded Diaphragm Seal Installed*				
		Material	Connection		Fill Fluid
	A	316 SS	¼ NPT Female		High Temp
	B	316 SS	¼ NPT Female		Inert
	C	316 SS	¼ NPT Female		Standard
	D	316 SS	½ NPT Female		High Temp
	E	316 SS	½ NPT Female		Inert
	F	316 SS	½ NPT Female		Standard
	H	Hastelloy	½ NPT Female		Standard
	J	Hastelloy	½ NPT Female		High Temp
	K	Hastelloy	½ NPT Female		Inert
	M	316 SS	½ NPT Male		Standard
	N	316 SS	½ NPT Male		High Temp
	Q	316 SS	½ NPT Male		Inert
	R	316 SS	¼ NPT Male		Standard
	T	316 SS	¼ NPT Male		High Temp
	U	316 SS	¼ NPT Male		Inert
	K Miscellaneous Options	C	Calibration certificate (included with all test gauges)		
		E	EPDM isolator installed (N/A on vacuum and compound gauges)		
		H	Helium leak test certified		
L		Tempered glass lens			
N		Microbrazed			
O		Oxygen cleaned			
P		Stop pin			
R		Reid vapor handle			
T		Stainless steel tag (customer specifies information)			
V		Viton® isolator installed (N/A on vacuum and compound gauges)			
Y		High visibility dial (Neon yellow background w/ red pointer. Process only)			
Z		Aluminum case (2.5" No Flange, 3.5", 4.5" & 8.5" Rear Flange case types only)			

* there is no limit to the number of options you may select



DIAL AVAILABILITY CHART

([Contact the factory](#) for custom dials or to view specific dial layouts)

Pressure Ranges

psi		psi kPa		psi bar		kg/cm ² psi	
CODE	RANGE	CODE	RANGE	CODE	RANGE	CODE	RANGE
00 (135°)	15	BB	15 100	DB	15 1	AB	1 15
01	30	BA	30 200	DA	30 2	AA	2.1 30
02 (135°)	30						
19	45						
03	60	BC	60 400	DC	60 4	AC	4.2 60
04	100	BD	100 700	DD	100 7	AD	7 100
05	150	BE	150 1000	DE	150 10	AE	10.5 150
23	160	BL	160 1100	DL	160 11	AL	11.2 160
06	200	BF	200 1400	DF	200 14	AF	14 200
07	300	BG	300 2000	DG	300 20	AG	21 300
08	400	BH	400 2800	DH	400 28	AH	28 400
20	500	BI	500 3500	DI	500 35	AI	35 500
09	600	BQ	600 4000	DJ	600 40	AJ	42 600
10	800	BY	800 5500	DY	800 55	AY	56 800
11	1000	BK	1000 7000	DK	1000 70	AK	70 1000
12	1500	BM	1500 10,000	DM	1500 100	AM	105 1500
13	2000	BN	2000 14,000	DN	2000 140	AN	140 2000
14	3000	BP	3000 20,000	DP	3000 210	AP	210 3000
22	4000	BJ	4000 28,000	DQ	4000 280	AQ	280 4000
15	5000	BR	5000 35,000	DR	5000 350	AR	350 5000
16	6000	BS	6000 40,000	DS	6000 400	AS	420 6000
21	8000	BW	8000 55,000	DW	8000 550	AW	560 8000
17	10,000	BT	10,000 70,000	DT	10,000 700	AT	700 10,000
18	15,000	BU	15,000 100,000	DU	15,000 1000	AU	1050 15,000

NOTES

1. Accuracy differs for certain ranges. Reference [Accuracy Specifications](#) sheet for details.
2. Pressure codes are subject to change without notice. When ordering, please provide a description of the pressure range and unit of measurement for each line item on the order. If a conflict occurs between a specified pressure code and the designated pressure range / unit of measurement, the latter shall prevail in processing the order.



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Pressure Ranges

kPa		bar		kg/cm ²		MPa	
CODE	RANGE	CODE	RANGE	CODE	RANGE	CODE	RANGE
CA	200	40	2	GA	2		
		41 (135°)	2				
CB	250						
CC	400	42	4	GC	4		
				GB	6		
CD	700	43	7	GD	7		
CE	1000	44	10	GE	10	EE	1
CF	1400	45	14				
CL	1600			GL	16		
CG	2000	46	20	GG	20	EG	2
				GH	25		
CI	2800	56	28				
		47	35	GI	35		
CJ	4000	48	40	GJ	40	EJ	4
				GK	60		
CK	7000	49	70				
CM	10,000	50	100	GM	100	EM	10
CN	14,000	51	140				
				GN	160		
CP	20,000	52	200	GP	200	EP	20
CQ	25,000	58	250	GQ	250	EQ	25
		55	280				
CR	35,000	53	350	GR	350	ER	35
CS	40,000	57	400	GS	400	ES	40
CW	60,000			GW	600		
CT	70,000	54	700	GT	700	ET	70
CU	100,000			GU	1000	EU	100

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Compound Ranges

inHg / psi		psi		psi kPa		kPa	
CODE	RANGE	CODE	RANGE	CODE	RANGE	CODE	RANGE
26	30 / 15	P1	-15 / 15				
27	30 / 30	P2	-15 / 30	B1	30inHg / 30 -100 / 200		
						C2	-100 / 300
24	30 / 60	P3	-15 / 60	B2	30inHg / 60 -100 / 400		
29	30 / 100	P4	-15 / 100	B3	30inHg / 100 -100 / 700	C3	-100 / 700
						C4	-100 / 900
28	30 / 150	P5	-15 / 150	B4	30inHg / 150 -100 / 1000	C5	-100 / 1000
35	30 / 160	P6	-15 / 160	B5	30inHg / 160 -100 / 1100		
30	30 / 200	P7	-15 / 200	B6	30inHg / 200 -100 / 1400		
31	30 / 300	P8	-15 / 300	B7	30inHg / 300 -100 / 2000		
32	30 / 400						
33	30 / 500						
34	30 / 600						
bar		bar psi		mmHg / kg/cm ²		cmHg / kg/cm ² inHg / psi	
CODE	RANGE	CODE	RANGE	CODE	RANGE	CODE	RANGE
61	-1 / 2	D1	-1 / 2 30inHg / 30	G1	760 / 2	A1	80 / 2 30 / 30
62	-1 / 3						
66	-1 / 4	D2	-1 / 4 30inHg / 60	G2	760 / 4	A2	80 / 4 30 / 60
				G3	760 / 6		
63	-1 / 7	D3	-1 / 7 30inHg / 100			mmHg	
64	-1 / 10	D4	-1 / 10 30inHg / 150	G4	760 / 10	CODE	RANGE
		D5	-1 / 11 30inHg / 160			J1	-760 / 760
65	-1 / 14	D6	-1 / 14 30inHg / 200				
68	-1 / 20	D7	-1 / 20 30inHg / 300				
67	-1 / 28						

NOTES

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Vacuum Ranges

inHg		bar		inHg kPa		kPa	
CODE	RANGE	CODE	RANGE	CODE	RANGE	CODE	RANGE
25	30 / 0	60	-1 / 0	B0	30 -100	C0	-100 / 0
inHg mmHg		mmHg		mmHg inHg			
CODE	RANGE	CODE	CODE	CODE	RANGE		
VA	30 760	VB	760 / 0	VC	760 30		

Receiver Ranges

Refrigerant Ranges

CODE	RANGE	CODE	RANGE
KA (was 35)	0-100% (with numerals)	RC	30inHg-0-30 psi R114
KB (was 36)	0-10 sq rt (with numerals)	RD	30inHg-0-150 psi R134a
KC (was 39)	3-15 psi (with numerals)	RE	30 inHg-0-100 psi R114
KD (was 37)	0-100 linear (less numerals)	RG‡	30inHg-0-150 psi Ammonia
KF (was 38)	0-10 sq rt (less numerals)	RH	30inHg-0-150 psi R12
		RI	30inHg-0-150 psi R22
		RL	30inHg-0-200 psi R134a
		RQ‡	30inHg-0-300 psi Ammonia
		RR	30inHg-0-300 psi R12
		RS	30inHg-0-300 psi R22
		‡ Specify Nickel Braze	

inHg (positive pressure)	
CODE	RANGE
JA	0 / 60
JC	0 / 100

NOTES

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DIAL AVAILABILITY CHART

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Ranges for Pneumo Depth Gauges

FSW		MSW		MSW FSW		FSW psi	
CODE	RANGE	CODE	RANGE	CODE	RANGE	CODE	RANGE
70	70	MA	20	87	21 70	SA	70 30
71 (200°)	100						
						SC	140 60
72	150	MC	45	86	45 150		
83	230	MD	70	92	70 230	SD	230 100
73	250			88	75 250		
74	300			89	90 300		
75	350	ME	100	90	100 350	SE	350 150
76	450			91	140 450	SF	450 200
77	600	MF	150				
78	700					SG	700 300
				93	230 750		
		MG	250			SH	900 400
79	1000	MH	300	94	300 1000		
85	1200	MI	350	96	350 1200	SI	1200 500
						SJ	1400 600
80	1500	MJ	450	95	450 1500		
81	2000	ML	700				
82	3500	MM	1000	97	1000 3500	SM	3500 1500
ft H ₂ O		ft H ₂ O psi		in H ₂ O psi			
CODE	RANGE	CODE	RANGE	CODE	RANGE	CODE	RANGE
WB	70	HA	70 30	WA	840 30		
		HC	140 60				
WC	150						
WD	250	HD	230 100				
		HE	350 150				
WF	460	HF	450 200				
WH	1000	HG	700 300				

NOTES

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ACCURACY SPECIFICATIONS

This document defines the accuracy by P/N code for a given psi range (or equivalent) specification.

All gauges are calibrated/inspected in the vertical position. Contact sales for other orientation options.

Code (aBcdefgghij-k)	<30 psi	30 ≤ 5000 psi	5001 ≤ 10000 psi	>10000 psi	Vacuum ²	Compound ¹
Test (0) ^{3 4}	±0.5% F.S.	±0.25% F.S.	±0.25% F.S. Ascending ±1.0% F.S. Descending	±0.5% F.S. Ascending ±1.0% F.S. Descending	±0.20 inHg	±0.25% F.S. Pos. Pressure Greater of ±0.5% F.S. or ±1.0inHg on Vac.
Process (1)	±0.5% F.S.	±0.5% F.S.	±0.5% F.S. Ascending ±1.0% F.S. Descending	±0.5% F.S. Ascending ±1.0% F.S. Descending	±0.25 inHg	±0.5% F.S. Pos. Pressure Greater of ±0.5% F.S. or ±1.0inHg on Vac.
Process (2)	±1.0% F.S.	±0.5% F.S. at M.S. ±1.0% F.S.	±1.0% F.S.	±1.0% F.S.	±0.30 inHg	±1.0% F.S. Pos. Pressure Greater of ±1.0% F.S. or ±1.0inHg on Vac.

Receiver Ranges	Refrigerant Ranges	Caisson Gauges
±1.0% F.S. only	±0.5% F.S. or ±1.0% F.S. only	±0.25% F.S. Ascending ±0.5% F.S. Descending

NOTES:

1. Full scale (F.S.) is defined as the sum of the positive and negative pressure ranges.
2. ±0.25% F.S. and ±0.5% F.S. test not available.
3. Test gauges have higher resolution dials. See [Dial Availability Chart](#) for details.
4. 8.5" test gauges ≤30 psi are ±0.5% F.S. Ascending, ±1.0% F.S. Descending.