PERMA-CAL® INDUSTRIES, INC.
DIRECT DRIVE PRESSURE GAUGES

DIAL AVAILABILITY CHART

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

Pressure Ranges

psi		psi | kPa		psi | bar		kg/cm² | 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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kPa		bar		kg/cm²		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/cm²		cmHg / kg/cm² | 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						

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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

CODE	RANGE
KA (was 35)	0-100% (with numerals)
KB (was 36)	0-10 sq rt (with numerals)
KC (was 39)	3-15 psi (with numerals)
KD (was 37)	0-100 linear (less numerals)
KF (was 38)	0-10 sq rt (less numerals)

Refrigerant Ranges

CODE	RANGE
RC	30inHg-0-30 psi R114
RD	30inHg-0-150 psi R134a
RE	30 inHg-0-100 psi R114
RG‡	30inHg-0-150 psi Ammonia
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

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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_2O		ft H_2O | psi		in H_2O | psi	
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		

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