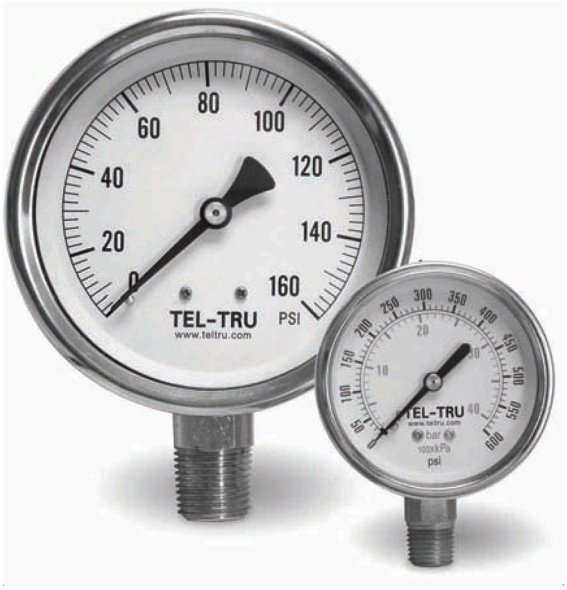
TEL-TRU® TEMPERATURE SOLUTIONS

MODEL 33 INDUSTRIAL/HYDRAULIC PRESSURE GAUGES-DRY OR LIQUID FILLED

Typically used in OEM applications.



SPECIFICATIONS

Dial Size	1-1/2”, 2”, 2-1/2” or 4”
Accuracy	+3-2-3% ANSI Grade B +2-1-2% ANSI Grade A (4” SS only)
Case	304SS
Bezel	304SS Crimped
Socket	Brass or 316SS
Bourdon lube	Brass or 316SS
Movement	Brass or 316SS
Lens	Plastic
Pointer	Aluminum
Dial	Heavy Gage Aluminum
Connection	See How To Order Chart
Restrictor	Brass only
Range	See Range Chart
Scales	See Range Chart

Estimated Shipping Weights		
DIAL SIZE	DRY	FILLED
1-1/2”	4 oz.	5 oz.
2”	4 oz.	6 oz.
2-1/2”	5 oz.	9 oz.
4”	1 lb. 3 oz.	2 lbs.

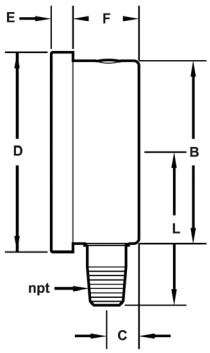
AVAILABLE OPTIONS

- Fill fluid
- U-Clamp

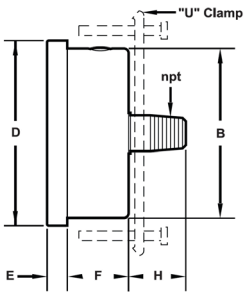
Note: U-Clamp NOT available on 4”

AVAILABLE CASE STYLES AND DIMENSIONS

Lower



Center Back



DIAL	A	B	C	D	E	F	H	J	K	L	M	N
1-1/2"	2.42" (62mm)	1.61" (41mm)	.34" (9mm)	1.77" (45mm)	.21" (5mm)	.79" (20mm)	.73" (19mm)	.21" (5mm)	.80" (20mm)	1.50" (38mm)	.14" (4mm)	1.97" (50mm)
2"	2.87" (73mm)	2.04" (52mm)	.40" (10mm)	2.21" (56mm)	.20" (5mm)	.90" (23mm)	.95" (24mm)	.19" (5mm)	.91" (23mm)	1.93" (49mm)	.14" (4mm)	2.44" (62mm)
2-1/2"	3.43" (87mm)	2.47" (63mm)	.41" (10mm)	2.68" (68mm)	.24" (6mm)	.94" (24mm)	.87" (22mm)	.18" (5mm)	1.00" (25mm)	2.20" (56mm)	.14" (4mm)	2.99" (76mm)
4"	5.12" (130mm)	3.88" (99mm)	.47" (12mm)	4.29" (109mm)	.30" (8mm)	1.12" (28mm)	1.38" (35mm)	.37" (9mm)	1.05" (27mm)	3.14" (80mm)	.17" (4mm)	4.57" (116mm)

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➤ HOW TO ORDER:

To Build A Part Number: Select one code from each column to build your gauge.

DIAL	MODEL CODE	TUBE & SOCKET	CASE	CONN. SIZE	CONN. LOCATION	CONN. TYPE	RANGE & SCALE	OPTIONS
1-1/2"	**15 33**	**B** = Brass **S** = SS	**S** = Stainless Steel	**1** = 1/8"	**L** = Lower **C** = Center Back	**1** = NPT	See Range Chart	**T** = Dry (No Fill) **G** = Glycerine Fill **S** = Silicone fill
2"	**20 33**	**B** = Brass **S** = SS	**S** = Stainless Steel	**4** = 1/4"	**L** = Lower **C** = Center Back	**1** = NPT	See Range Chart	**T** = Dry (No Fill) **G** = Glycerine Fill **S** = Silicone fill
2-1/2"	**25 33**	**B** = Brass **S** = SS	**S** = Stainless Steel	**4** = 1/4"	**L** = Lower **C** = Center Back	**1** = NPT	See Range Chart	U-Clamp* (sold separately) **T** = Dry (No Fill) **G** = Glycerine Fill **S** = Silicone fil
4"	**40 33**	**B** = Brass **S** = SS	**S** = Stainless Steel **S** = Stainless Steel	**4** = 1/4" **2** = 1/2"	**L** = Lower	**1** = NPT	See Range Chart	**T** = Dry (No Fill) **G** = Glycerine Fill **S** = Silicone fill

* U-clamp on 2-1/2" dial is sold separately. Order part number 95-1701

Example:

Specs: 2-1/2", Model 33B, Brass, 1/4"Center Back, NPT, 0-60 psi/bar, Dry (no fill)

Select:	25 33	B	S	4	C	1	D6F	T

Ordering Format: 2533BS4C1D6FT

➤ 33B STANDARD RANGES:

Note--Dual Scale: psi/bar/kpa

CODE = RANGE (psi)	INTERVALS (Hg)	INTERVALS (psi)	DIVISIONS (Hg)	DIVISIONS (psi)
V1Z = 30" Hg	5"		.5"	
Z2Z = 30-0-30	10"	5	1"	.5
Z3Z = 30-0-60	10"	10	2"	1
Z4Z = 30-0-100	30"	10	2"	2
Z5Z = 30-0-160	30"	20	10"	5

CODE = RANGE (psi)	INTERVALS (psi)	DIVISIONS (psi)
B7F = 0-15	2	.2
C6F = 0-30	3	.5
D6F = 0-60	5	1
D9F = 0-100	10	1
E4F = 0-160	20	2
E5F = 0-200	20	2
E8F = 0-300	30	5
F2F = 0-400	50	5
F4F = 0-600	50	10

CODE = RANGE (psi)	INTERVALS (psi)	DIVISIONS (psi)
F8F = 0-1000	100	10
H2F = 0-1500	200	20
H5F = 0-2000	200	20
H9F = 0-3000	300	100
J8F = 0-5000	500	100

➤ 33S STANDARD RANGES:

Note--Single Scale: psi

CODE = RANGE (psi)	INTERVALS (Hg)	INTERVALS (psi)	DIVISIONS (Hg)	DIVISIONS (psi)
V1A = 30" Hg	5"		.5"	
Z2A = 30-0-30	10"	5	1"	.5
Z3A = 30-0-60	10"	10	2"	1
Z4A = 30-0-100	30"	10	2"	2

CODE = RANGE (psi)	INTERVALS (psi)	DIVISIONS (psi)
B7A = 0-15	2	.2
C6A = 0-30	5	.5
D6A = 0-60	10	1
D9A = 0-100	10	2
E4A = 0-160	20	2
E5A = 0-200	20	2
E8A = 0-300	50	5
F2A = 0-400	50	5
F4A = 0-600	100	10

CODE = RANGE (psi)	INTERVALS (psi)	DIVISIONS (psi)
F8A = 0-1000	100	20
H2A = 0-1500	300	20
H5A = 0-2000	200	20
H9A = 0-3000	500	50
J8A = 0-5000	1000	100

IMPORTANT NOTES:

- Intervals and division based on 4" dial size--SPECS MAY VARY.
- Other ranges available, minimum quantities required.

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