

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 Tube:	Brass or 316SS
Movement:	Brass or 316SS
Lens:	Polycarbonate
Pointer:	Aluminum
Dial:	Heavy Gage Aluminum
Connection:	See <i>How To Order Chart</i>
Restrictor:	Brass only
Range:	See <i>Range Chart</i>
Scales:	See <i>Range Chart</i>

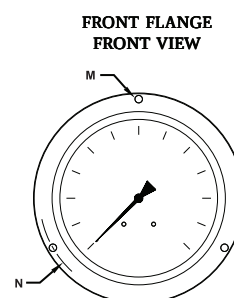
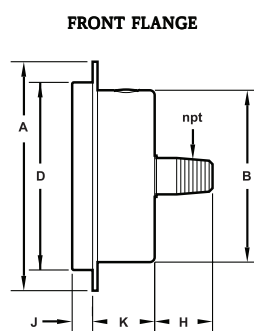
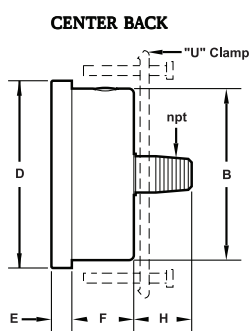
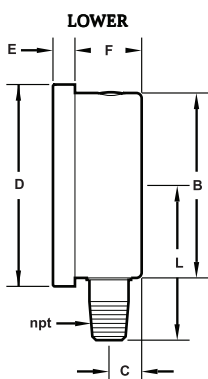
► AVAILABLE OPTIONS:

- Fill
- Front Flange (sold separately)
- U-Clamp
- Restrictor (SS)

Note: U-Clamp and Front Flange NOT available on 4"

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 CASE STYLES AND DIMENSIONS:



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	Front Flange* 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	Front Flange* 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	Front Flange* U-Clamp ** (sold separately) T = Dry (No Fill) G = Glycerine Fill S = Silicone fill
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

* Front Flange available on Back Mount only. When ordering specify part number 1-1/2" = 95-1726, 2" = 95-1727, or 2-1/2" = 95-1728

** 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) and with Front Flange

Select:	25 33	B	S	4	C	1	D6F	T
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Ordering Format: 2533BS4C1D6FT and 95-1728

► 33B STANDARD RANGES:

Note--Dual Scale: psi/bar/kpa

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

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)	DIVISIONS (psi)	DIVISIONS (Hg)
V1A = 30" Hg	5"	.5"	
Z2A = 30-0-30	10"	5	1"
Z3A = 30-0-60	10"	10	2"
Z4A = 30-0-100	30"	10	2"
Z5A = 30-0-160	30"	20	10"
Z6A = 30-0-200	30"	20	10"
Z7A = 30-0-300	30"	30	10"

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
K1A = 0-6000	1000	100
K2A = 0-7500	1500	100
K4A = 0-10,000	1000	200

IMPORTANT NOTES:

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