

Type 1084 Pocket Test Gauge



TEMPERATURE LIMITS

	Ambient	Process	Storage
Dry	-20/200°F (-29/93°C)	-20/250°F (-29/121°C)	-40/250°F (-40/121°C)

Note: Other than discoloration of the dial and hardening of the gasketing that may occur as ambient or process temperatures exceeds 150°F, non-liquid-filled gauges with standard acrylic windows, can withstand continuous operating temperatures up to 250°F (121°C). Accuracy at temperatures above or below the reference ambient temperature of 68°F (20°C) will be affected by approximately .4% per 25°F (4°C). Gauges with silver brazed joints will withstand 450°F (232°C) for short times without rupture, although other parts of the gauge will be destroyed and calibration will be lost. For continuous use and for process or ambient temperatures above 250°F (121°C), a diaphragm seal or capillary or siphon is recommended.

30 1084 PRODUCT CODING

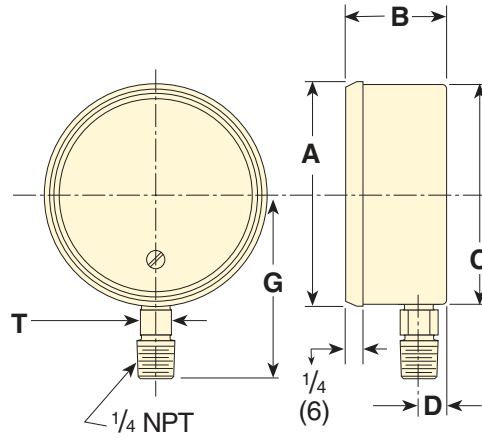
Typical Code:

30		1084	S			02	L		100#	
SIZE		TYPE NUMBER	SYSTEM (Tube & Socket)			CASE DESIGN	PROCESS CONN. SIZE		CONNECTION LOCATION	RANGE (psi)
(30)	3½	1084	Code (S)	Tube 316SS	Socket 316SS	Description Open Front	Code (02)	NPT ¼ Male	Code (L) Description Lower	15
										30
										60
										100
										160
										200
										300
										400
										600
1000										



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DIMENSIONS



Model	Dial Size Inches	A	B	C	D	G	T	Wgt. Lbs.
1084	3	3 ¹ / ₄ (83)	1 ¹⁵ / ₃₂ (37)	3 ³ / ₁₆ (81)	1 ³ / ₃₂ (10)	2 ²¹ / ₃₂ (67)	7 ¹ / ₁₆ (11)	1.0

*Millimeters shown in ().

STANDARD RANGES

Range	Graduations				
	Figure Interval	Minor Graduation			
Pressure (psi)					
0/15	1	0.1			
0/30	2	0.2			
0/60	5	0.5			
0/100	10	1			
0/150	10	1			
0/200	20	2			
0/300	20	2			
0/400	50	2			
0/600	50	5			
0/1000	100	10			
Vacuum					
30" Hg/0	2	2			
Compound					
inches mercury	psi	in.	psi	in.	psi
30	15	5	2	0.5	0.2
30	30	10	5	1	0.5
30	60	10	10	2	1
30	100	30	20	2	1
30	150	30	50	2	1
30	300	30	50	2	1

METRIC RANGES

kg/cm ²	bar	kPa
Pressure		
0/1	0/1	0/100
0/2	0/2	0/200
0/3	0/3	0/300
0/4	0/4	0/400
0/7	0/7	0/700
0/11	0/11	0/1100
0/14	0/14	0/1400
0/20	0/20	0/2000
0/28	0/28	0/2800
0/40	0/40	0/4000
0/70	0/70	0/7000
Vacuum		
-1/0	-1/0	-100/0
Compound		
-1/0/1	-1/0/1	-100/0/100
-1/0/3	-1/0/3	-100/0/300
-1/0/6	-1/0/6	-100/0/600
-1/0/10	-1/0/10	-100/0/1000