

Range Tables / Stainless Steel Gauge 4 1/2" & 6" Type 1009



STANDARD RANGES

Pressure Range	Figure Interval	Minor Graduation	Compound Range		Figure Interval		Minor Graduation	
					Inches Mercury	psi	Inches Mercury	psi
0/15	1	0.2	30" Hg vac./0/15psi 30" Hg vac./0/30psi 30" Hg vac./0/60psi 30" Hg vac./0/100psi 30" Hg vac./0/150psi 30" Hg vac./0/300psi		5	3	1	0.5
0/30	5	0.5			10	5	1	1
0/60	5	1			10	10	2	1
0/100	10	1			10	10	2	1
0/160	20	2			10	20	5	2
0/200	20	2			30	25	5	5
0/400	50	5			Combination Range		Figure Interval	
0/600	50	10	psi				Feet Water	
0/800	100	10	Inner Scale psi	Outer Scale Feet Water	psi	Feet Water	psi	Feet Water
0/1000	100	10						
0/1500	200	20	0/15	0/34	3	5	0.05	1
0/2000	200	20	0/30	0/70	5	10	0.5	1
0/3000	300	50	0/60	0/140	5	20	1	2
0/5000	500	50	0/100	0/230	10	20	1	5
0/6000	1000	100	0/160	0/370	20	50	2	5
0/7500	1000	100	0/200	0/460	20	50	5	5
0/10,000	1000	100	0/300	0/690	25	50	5	10
0/15,000	2000	200	Dial Size		Retard Range			
0/20,000	2000	200			0/15 psi retard to 30 psi 0/30 psi retard to 60 psi		10" Hg Vac/5 psi retard to 30" Hg and to 15 psi	
Vacuum Range	Figure Interval	Minor Graduation						
30-0 inches Mercury	5 inches	0.5 inches	4 1/2"					

STANDARD METRIC RANGES

kg/cm ² (Kilograms per sq. cm.)	Range	Dial Graduations		Range	Dial Graduations		Outer Scale When Dual Range Specified psi
	Bar	Figure Interval	Minor Graduation	kPa (kilopascal)	Figure Interval	Minor Graduation	
Pressure							
0/1	0/1	0.1	0.01	0/100	10	1	0/14
0/1.6	0/1.6	0.2	0.02	0/160	20	2	0/22
0/2.5	0/2.5	0.5	0.05	0/250	50	5	0/35
0/4	0/4	0.5	0.05	0/400	50	5	0/55
0/6	0/6	0.5	0.1	0/600	50	10	0/85
0/10	0/10	1	0.1	0/1000	100	10	0/140
0/16	0/16	2	0.2	0/1600	200	20	0/220
0/25	0/25	5	0.5	0/2500	500	50	0/350
0/40	0/40	5	0.5	0/4000	500	50	0/550
0/60	0/60	5	1	0/6000	500	100	0/850
0/100	0/100	10	1	0/10,000	1000	100	0/1400
0/160	0/160	20	2	0/16,000	2000	200	0/2200
0/250	0/250	50	5	0/25,000	5000	200	0/3500
0/400	0/400	50	5	0/40,000	5000	500	0/5500
0/600	0/600	50	10	0/60,000	5000	500	0/8500
0/1000	0/1000	100	10	0/100,000	10,000	1000	0/14,000
0/1600	0/1600	200	20	0/160,000	20,000	2000	0/22,000
Vacuum							
-1/0	-1/0	0.1	0.01	-100/0	10	1	30/0" Hg
Compound							
-1/0/1.5	-1/0/1.5	0.5	0.05	-100/0/150	50	5	30" Hg/0/20
-1/0/3	-1/0/3	0.5	0.05	-100/0/300	50	5	30" Hg/0/40
-1/0/5	-1/0/5	0.5	0.1	-100/0/500	50	10	30" Hg/0/70
-1/0/9	-1/0/9	1	0.1	-100/0/900	100	10	30" Hg/0/125
-1/0/15	-1/0/15	2	0.2	-100/0/1500	200	20	30" Hg/0/215
-1/0/24	-1/0/24	5	0.2	-100/0/2400	500	20	30" Hg/0/340

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STANDARD REFRIGERATION METRIC RANGES

Range		Dial Graduations		Range	Dial Graduations		Outer Scale When Dual Range Specified psi
kg/cm ² (Kilograms per sq. cm.)	Bar	Figure Interval	Minor Graduation	kPa (kilopascal)	Figure Interval	Minor Graduation	
Compound -1/0/9 -1/0/24	-1/0/9	1	0.1	-100/0/900	100	10	30" Hg/0/125 30" Hg/0/340
	-1/0/24	5	0.2	-100/0/2400	500	20	

Temperature Scale in Red °C

STANDARD REFRIGERATION RANGES

Compound Range	Dial Graduations			
	Figure Interval		Minor Graduation	
	psi	Hg	psi	Hg
30" Hg vac./0/150 psi	20	10	2	5
30" Hg vac./0/300 psi	25	30	5	5

Temperature Scale in Red °F

Standard Refrigerant	Order Code
R-11	R1
R-12	R2
R-22	R3
R-502	R4
Ammonia	R5
R-114	R6
R-500	R7
R-134A	R8
R-123	R9

STANDARD HYDRAULIC METRIC RANGES

Range		Dial Graduations		Range	Dial Graduations		Outer Scale When Dual Range Specified psi
kg/cm ² (Kilograms per sq. cm.)	Bar	Figure Interval	Minor Graduation	kPa (kilopascal)	Figure Interval	Minor Graduation	
Pressure	0/60	5	1	0/6000	500	100	0/850
	0/100	10	1	0/10,000	1000	100	0/1400
	0/160	20	2	0/16,000	2000	200	0/2200
	0/250	50	5	0/25,000	5000	200	0/3500
	0/400	50	5	0/40,000	5000	500	0/5500
	0/600	50	10	0/60,000	5000	500	0/8500
	0/1000	100	10	0/100,000	10,000	1000	0/14,000
	0/1600	200	20	0/160,000	20,000	2000	0/22,000 ⁽¹⁾

STANDARD HYDRAULIC RANGES

Pressure Range psi	Figure Interval	Minor Graduation
0/1000	100	10
0/1500	200	20
0/2000	200	20
0/3000	300	50
0/5000	500	50
/6000	1000	100
0/7500	1000	100
0/10,000	1000	100
0/15,000	2000	200
0/20,000 ⁽¹⁾	2000	200

(1) 4 1/2" & 6" size only

NOTE:

Dual scale dials showing psi and tons-on-ram are available on application. See nomograph for determining approximate pressure range when tons-on-ram and diameter of ram are known.

To order a gauge with a tons-on-ram scale.

Specify:

- Load-on-Ram (Tons)
- Ram Diameter (inches)
- Pressure (psi)