



ASHCROFT® DURAGAUGE® PRESSURE GAUGE \\ TYPE 1279

Solid front case design, field convertible to hermetically sealed or liquid filled style
 Pressure ranges from vacuum — 30,000 psi
 Select from various socket and Bourdon tube materials
 Micrometer adjustable pointer
 400 Series stainless steel movement wears better for longer life
 Teflon-coated pinion for longer life
 Patented Duratube™ with welded-tube construction controls stresses for longer life
 PLUS!™ Performance Option:
 - Liquid-filled performance in a dry gauge
 - Fights vibration and pulsations without liquid-filled headaches
 - Order as option XLL

The Ashcroft® Duragauge® pressure gauge is the finest production gauge on the market for industrial use where precise indications are required. The product line offers a wide variety of case styles, Bourdon tubes and pressure ranges to meet your application needs .
 With the component combinations available in the Duragauge gauge line, over ten million variations are possible to serve the needs of all types of industries, including process, power, nuclear, aerospace and cryogenics

STANDARD RANGE TABLE

PRESSURE - psi		
RANGE	FIGURE INTERVAL	MINOR GRADUATION
0/15	1	0.1
0/30	5	0.2
0/60	5	0.5
0/100	10	1
0/160	20	2
0/200	20	2
0/300	50	2
0/400	50	5
0/600	50	5
0/800	100	10
0/1000	100	10
0/1500	200	20
0/2000	200	20
0/3000	500	20
0/5000	500	50
0/6000	500	50
0/10,000	1000	100
0/20,000	2000	200
0/30,000	5000	200

COMPOUND				
RANGE	FIGURE INTERVAL		MINOR GRADS	
	in Hg	psi	in Hg	psi
30"Hg/15 psi	5	3	0.5	0.2
30"Hg/30 psi	10	5	1	0.5
30"Hg/60 psi	10	10	1	1
30"Hg/100 psi	10	10	2	1
30"Hg/150 psi	10	20	5	2
30"Hg/200 psi	30	20	5	2
30"Hg/300 psi	30	50	5	2

VACUUM		
RANGE	FIGURE INTERVAL	MINOR GRADUATION
30/0 in. Hg	5 in	0.2 in
34/0 ft H ₂ O	5 ft	0.5 ft

HOW TO ORDER **45** **1279** **RS*** **04L** **XXX** **0/2,000 psi**

From Table A, Dial Size: 4½": _____
 From Table A, Case Type Number: 1279 _____
 From Table B, Bourdon tube and socket: _____
 From Table B, Connection: 1/4 NPT (02), 1/2 NPT (04), Lower (L), Back (B) _____
 From Optional Features: _____
 From Range Table: 2000 psi _____

(*) *S* denotes solid front case design
 If glycerin filled case, substitute *L* instead of *S*

PRODUCT SPECIFICATIONS

- \\ Model Number 1279 316L SS/steel (R)
316L SS/316L SS (S)
K Monel/ Monel (P)
- \\ Accuracy ½% full scale (Grade 2A, ASME B40.100) \\ Connection Size ¼", ½" NPT
- \\ Ranges Vac., compound to 30,000 psi \\ Connection Location Lower or back
- \\ Dial Size 4½" diameter \\ OPTIONAL FEATURES
- \\ Case Material Black phenolic, solid front \\ Fill L-Glycerin-Standard
XGV-Silicone-Optional
XGX-Halocarbon-Optional
- \\ Weather Protection Dry Case: IP54 Liquid filled or hermetically sealed case: IP 65 \\ PLUS! Performance XLL
- \\ Ring Threaded reinforced black polypropylene \\ Hermetic Seal H
- \\ Window Glass \\ Flush Mounting Ring X56
- \\ Dial Aluminum, white background, black figures and intervals \\ Receiver Gauge XPR
- \\ Pointer Micrometer adjustable \\ Acrylic Window XPD
- \\ Movement Rotary, 400 SS, Teflon® coated pinion gear and segment \\ Set Hand XSH
- \\ Bourdon Tube and Socket C510 Phos. bronze/brass brazed (A) \\ Maximum Pointer XEP