

Duplex Gauges Type 1038, 1339 Grade A (2-1-2%)

- 3½", 4½", and 6" dial sizes
- Bronze bourdon tube and brass sockets
- Two separate systems and movements
- Nonadjustable red and black pointers

The Ashcroft® Type 1038 duplex gauge is used to display two separate input pressures on the same gauge for comparison purposes.



STANDARD RANGES

Type 1038/1339

Pressure (psi)

Range	Figure Interval	Minor Graduation
0/15	1	0.2
0/30	5	0.5
0/60	5	1
0/100	10	1
0/160	20	2
0/200	20	2
0/300	30	5
0/600	50	10
0/800	100	10
0/1000	100	10

Type 1038/1339 Compound

Range	Figure Interval		Minor Graduation	
	Inches Mercury	psi	Inches Mercury	psi
30"Hg/15 psi	5	3	1	0.5
30"Hg/30 psi	10	5	1	0.5
30"Hg/60 psi	10	10	1	1
30"Hg/100 psi	10	10	1	1
30"Hg/150 psi	10	20	2	2
30"Hg/300 psi	30	25	5	5

CASE TYPE

Gauge Type Number	Dial Size (inches)	Case & Ring Material Finish	Bourdon Tube & Tip Material	Socket Material	Pressure Range (psi)	Pointer	Movement	NPT Conn.
DUPLEX 1038A	3½", 4½", 6"	Case: 3½", 4½" aluminum 6" Cast Iron Ring: Threaded aluminum All black epoxy coated	Phosphor Bronze Tip: Brass (all joints silver brazed, soldered below 100 psi)	Brass	30/1000	Non Adjustable Black and Red	Bronze-brushed	¼"
DUPLEX 1339A	4½", 6"	Case: Aluminum Ring: Hinged Aluminum All black epoxy coated	Phosphor Bronze Tip: Brass (all joints silver brazed soldered below 100 psi)	Brass	30/1000	Non Adjustable Black and Red	Bronze-brushed	¼"

METRIC RANGES

RANGE		DIAL GRADUATIONS		RANGE		DIAL GRADUATIONS		Outer Range When Dual Range Specified psi
kg/cm2	bar	Figure Interval	Minor Graduation	kPa (kilopascal)	Figure Interval	Minor Graduation		
Pressure								
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	0.05	0/400	50	5	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	
Compound								
-1/1.5	-1/0/1.5	0.5	0.05	-100/150	50	5	30"Hg/20	
-1/3	-1/0/3	0.5	0.05	-100/300	50	5	30"Hg/40	
-1/5	-1/0/5	0.5	0.1	-100/500	50	10	30"Hg/70	
-1/9	-1/0/9	1	0.1	-100/900	100	10	30"Hg/125	
-1/15	-1/0/15	1	0.1	-100/1500	200	20	30"Hg/215	
-1/24	-1/0/24	2	0.2	-100/2400	500	20	30"Hg/340	

TO ORDER THIS 1038, 1339 DUPLEX GAUGES:

Select:

1. Dial size—3½", 4½" and 6" 45

2. Case type—1038, 1339 1038

3. Tube and socket material A

4. Connection size—¼ (02) 02L

5. Connection location—Lower (L), Back (B) only XXX

6. Optional features—see page 108 _____

7. Standard pressure range—1000 psi 1000 psi