




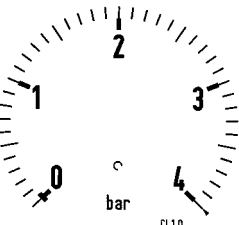
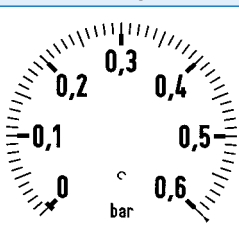
# Dials for pressure gauges – graduation

Housing diameters (NG) 40, 50, 63, 72x72 – accuracy classes 1.6 and 2.5

Ranges	Graduation	Ranges	Graduation	Ranges	Graduation	Example
0 ... 1 bar -1 ... 0 bar 0 ... 10 bar -1 ... +9 bar 0 ... 100 bar 0 ... 1000 bar	0.05 bar 0.05 bar 0.5 bar 0.5 bar 5 bar 50 bar	0 ... 10 mbar -4 ... +6 mbar -6 ... +4 mbar 10 ... 0 mbar 0 ... 100 mbar -40 ... +60 mbar	0.5 mbar 0.5 mbar 0.5 mbar 0.5 mbar 5 mbar 5 mbar	-60 ... +40 mbar -100 ... 0 mbar 0 ... 1000 mbar -400 ... +600 mbar -600 ... +400 mbar -1000 ... 0 mbar	5 mbar 5 mbar 50 mbar 50 mbar 50 mbar 50 mbar	
Ranges	Graduation	Ranges	Graduation	Ranges	Graduation	Example
0 ... 1.6 bar -1 ... +0.6 bar 0 ... 16 bar -1 ... +15 bar 0 ... 160 bar	0.05 bar 0.05 bar 0.5 bar 0.5 bar 5 bar	0 ... 16 mbar -6 ... +10 mbar -10 ... +6 mbar -16 ... 0 mbar	0.5 mbar 0.5 mbar 0.5 mbar 0.5 mbar	0 ... 160 mbar -60 ... +100 mbar -100 ... +60 mbar -160 ... 0 mbar	5 mbar 5 mbar 5 mbar 5 mbar	
Ranges	Graduation	Ranges	Graduation	Ranges	Graduation	Example
0 ... 2.5 bar -1 ... +1.5 bar 0 ... 25 bar 0 ... 250 bar	0.1 bar 0.1 bar 1 bar 10 bar	0 ... 25 mbar -10 ... +15 mbar -15 ... +10 mbar -25 ... 0 mbar	1 mbar 1 mbar 1 mbar 1 mbar	0 ... 250 mbar -100 ... +150 mbar -150 ... +100 mbar -250 ... 0 mbar	10 mbar 10 mbar 10 mbar 10 mbar	
Ranges	Graduation	Ranges	Graduation	Ranges	Graduation	Example
0 ... 4 bar -1 ... +3 bar 0 ... 40 bar 0 ... 400 bar	0.2 bar 0.2 bar 2 bar 20 bar	0 ... 40 mbar -15 ... +25 mbar -25 ... +15 mbar -40 ... 0 mbar	2 mbar 2 mbar 2 mbar 2 mbar	0 ... 400 mbar -150 ... +250 mbar -250 ... +150 mbar -400 ... 0 mbar	20 mbar 20 mbar 20 mbar 20 mbar	
Ranges	Graduation	Ranges	Graduation	Ranges	Graduation	Example
0 ... 0.6 bar -0.6 ... 0 bar 0 ... 6 bar -1 ... +5 bar 0 ... 60 bar 0 ... 600 bar	0.02 bar 0.02 bar 0.2 bar 0.2 bar 2 bar 20 bar	0 ... 60 mbar -20 ... +40 mbar -40 ... +20 mbar -60 ... 0 mbar	2 mbar 2 mbar 2 mbar 2 mbar	0 ... 600 mbar -200 ... +400 mbar -400 ... +200 mbar -600 ... 0 mbar	20 mbar 20 mbar 20 mbar 20 mbar	

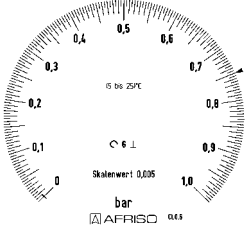
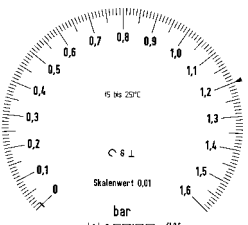
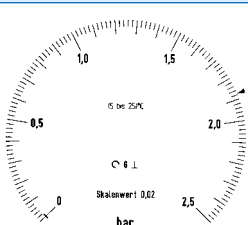
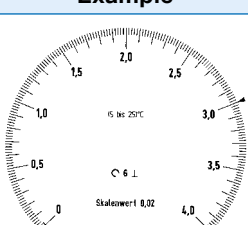
# Dials for pressure gauges – graduation

Housing diameters (NG) 80, 100, 160, 96x96, 144x144 – accuracy classes 1.0 and 1.6

Ranges	Graduation	Ranges	Graduation	Ranges	Graduation	Example
0 ... 1 bar -1 ... 0 bar 0 ... 10 bar -1 ... +9 bar 0 ... 100 bar 0 ... 1000 bar	0.02 bar 0.02 bar 0.2 bar 0.2 bar 2 bar 20 bar	0 ... 10 mbar -4 ... +6 mbar -6 ... +4 mbar -10 ... 0 mbar 0 ... 100 mbar -40 ... +60 mbar	0.2 mbar 0.2 mbar 0.2 mbar 0.2 mbar 2 mbar 2 mbar	-60 ... +40 mbar -100 ... 0 mbar 0 ... 1000 mbar -400 ... +600 mbar -600 ... +400 mbar -1000 ... 0 mbar	2 mbar 2 mbar 20 mbar 20 mbar 20 mbar 20 mbar	
Ranges	Graduation	Ranges	Graduation	Ranges	Graduation	Example
0 ... 1.6 bar -1 ... +0.6 bar 0 ... 16 bar -1 ... +15 bar 0 ... 160 bar 0 ... 1600 bar	0.05 bar 0.05 bar 0.5 bar 0.5 bar 5 bar 50 bar	0 ... 16 mbar -6 ... +10 mbar -10 ... +6 mbar -16 ... 0 mbar	0.5 mbar 0.5 mbar 0.5 mbar 0.5 mbar	0 ... 160 mbar -60 ... +100 mbar -100 ... +60 mbar -160 ... 0 mbar	5 mbar 5 mbar 5 mbar 5 mbar	
Ranges	Graduation	Ranges	Graduation	Ranges	Graduation	Example
0 ... 2.5 bar -1 ... +1.5 bar 0 ... 25 bar 0 ... 250 bar	0.05 bar 0.05 bar 0.5 bar 5 bar	0 ... 25 mbar -10 ... +15 mbar -15 ... +10 mbar -25 ... 0 mbar	0.5 mbar 0.5 mbar 0.5 mbar 0.5 mbar	0 ... 250 mbar -100 ... +150 mbar -150 ... +100 mbar -250 ... 0 mbar	5 mbar 5 mbar 5 mbar 5 mbar	
Ranges	Graduation	Ranges	Graduation	Ranges	Graduation	Example
0 ... 4 bar -1 ... +3 bar 0 ... 40 bar 0 ... 400 bar	0.1 bar 0.1 bar 1 bar 10 bar	0 ... 4.0 mbar -1.5 ... +2.5 mbar -2.5 ... +1.5 mbar -4 ... 0 mbar 0 ... 40 mbar -15 ... +25 mbar	0.1 mbar 0.1 mbar 0.1 mbar 0.1 mbar 1 mbar 1 mbar	-25 ... +15 mbar -40 ... 0 mbar 0 ... 400 mbar -150 ... +250 mbar -250 ... +150 mbar -400 ... 0 mbar	1 mbar 1 mbar 10 mbar 10 mbar 10 mbar 10 mbar	
Ranges	Graduation	Ranges	Graduation	Ranges	Graduation	Example
0 ... 0.6 bar -0.6 ... 0 bar 0 ... 6 bar -1 ... +5 bar 0 ... 60 bar 0 ... 600 bar	0.01 bar 0.01 bar 0.1 bar 0.1 bar 1 bar 10 bar	0 ... 6 mbar -2 ... +4 mbar -4 ... +2 mbar -6 ... 0 mbar 0 ... 60 mbar -20 ... +40 mbar	0.1 mbar 0.1 mbar 0.1 mbar 0.1 mbar 1 mbar 1 mbar	-40 ... +20 mbar -60 ... 0 mbar 0 ... 600 mbar -200 ... +400 mbar -400 ... +200 mbar -600 ... 0 mbar	1 mbar 1 mbar 10 mbar 10 mbar 10 mbar 10 mbar	

# Dials for pressure gauges – graduation

Housing diameter (NG) 160, 250 – accuracy class 0.6 – DIN 16123

Ranges	Graduation	Ranges	Graduation	Ranges	Graduation	Example
0 ... 1 bar -1 ... 0 bar 0 ... 10 bar -1 ... +9 bar 0 ... 100 bar	0.005 bar 0.005 bar 0.05 bar 0.05 bar 0.5 bar	0 ... 10 mbar -4 ... +6 mbar -6 ... +4 mbar -10 ... 0 mbar 0 ... 100 mbar -40 ... +60 mbar	0.05 mbar 0.05 mbar 0.05 mbar 0.05 mbar 0.5 mbar 0.5 mbar	-60 ... +40 mbar -100 ... 0 mbar 0 ... 1000 mbar -400 ... +600 mbar -600 ... +400 mbar -1000 ... 0 mbar	0.5 mbar 0.5 mbar 5 mbar 5 mbar 5 mbar 5 mbar	
Ranges	Graduation	Ranges	Graduation	Ranges	Graduation	Example
0 ... 1.6 bar -1 ... +0.6 bar 0 ... 16 bar -1 ... +15 bar 0 ... 160 bar	0.01 bar 0.01 bar 0.1 bar 0.1 bar 1 bar	0 ... 16 mbar -6 ... +10 mbar -10 ... +6 mbar -16 ... 0 mbar	0.1 mbar 0.1 mbar 0.1 mbar 0.1 mbar	0 ... 160 mbar -60 ... +100 mbar -100 ... +60 mbar -160 ... 0 mbar	1 mbar 1 mbar 1 mbar 1 mbar	
Ranges	Graduation	Ranges	Graduation	Ranges	Graduation	Example
0 ... 2.5 bar -1 ... +1.5 bar 0 ... 25 bar 0 ... 250 bar	0.02 bar 0.02 bar 0.2 bar 2 bar	0 ... 25 mbar -10 ... +15 mbar -15 ... +10 mbar -25 ... 0 mbar	0.2 mbar 0.2 mbar 0.2 mbar 0.2 mbar	0 ... 250 mbar -100 ... +150 mbar -150 ... +100 mbar -250 ... 0 mbar	2 mbar 2 mbar 2 mbar 2 mbar	
Ranges	Graduation	Ranges	Graduation	Ranges	Graduation	Example
0 ... 4 bar -1 ... +3 bar 0 ... 40 bar 0 ... 400 bar	0.02 bar 0.02 bar 0.2 bar 2 bar	0 ... 40 mbar -15 ... +25 mbar -25 ... +15 mbar -40 ... 0 mbar	0.2 mbar 0.2 mbar 0.2 mbar 0.2 mbar	0 ... 400 mbar -150 ... +250 mbar -250 ... +150 mbar -400 ... 0 mbar	2 mbar 2 mbar 2 mbar 2 mbar	
Ranges	Graduation	Ranges	Graduation	Ranges	Graduation	Example
0 ... 0.6 bar -0.6 ... 0 bar 0 ... 6 bar -1 ... +5 bar 0 ... 60 bar 0 ... 600 bar	0.005 bar 0.005 bar 0.05 bar 0.05 bar 0.5 bar 5 bar	0 ... 6 mbar -2 ... +4 mbar -4 ... +2 mbar -6 ... 0 mbar 0 ... 60 mbar -20 ... +40 mbar	0.05 mbar 0.05 mbar 0.05 mbar 0.05 mbar 0.5 mbar 0.5 mbar	-40 ... +20 mbar -60 ... 0 mbar 0 ... 600 mbar -200 ... +400 mbar -400 ... +200 mbar -600 ... 0 mbar	0.5 mbar 0.5 mbar 5 mbar 5 mbar 5 mbar 5 mbar	