

▼ Shown from left to right: GF230P, GF835P, GP10S



- **GF-Series gauges:** calibrated with dual scale reading for pressure (psi) and force (tons, lbs)
- **GF-Series gauges:** all pressure sensing parts are sealed and dampened by glycerine for long life
- **GP-Series gauges:** calibrated with dual scale reading for pressure in bar and psi
- **Excellent readability:** gauge face dimensions 4 inches
- **Fast, easy installation**
- **Stainless steel gauge cases for corrosion resistance.**

▼ A GP10S gauge is used on this press to check the hydraulic pressure required to bend flat steel bar.



## Visual Reference for System Pressure and Force



### Auto-Damper Valve V10

For automatic control of gauge fluctuations, the V10 Auto-Damper Valve controls the movement of the gauge needle by restricting oil flow in and out of the gauge. No adjustments needed.

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### Snubber Valve V91

Infinitely adjustable for metering oil out of a gauge. The V91 Snubber Valve is also suitable as a shut-off valve to protect the gauge during high-cycle applications.

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### Used With

- All cylinders
- All cylinders
- All 5-tons RC, RSM cylinders
- All 10-tons RC, RCS, RSM cylinders
- All 25-tons RC cylinders
- All 50-tons RC, RR cylinders
- 12-tons RCH-Series
- RCH, RRH20, 30 and 60-tons
- RCS201, 302
- RCS502, 1002
- 25, 30, 50-tons RC, RCS, RSM, RR
- 75 and 100-tons RC, RR cylinders
- 150 and 200-tons RR cylinders
- 10-tons presses
- 25-tons presses
- 50-tons presses
- 100-tons presses
- 150-200 tons presses



# Hydraulic Force & Pressure Gauges



## Maximum Indicator Pointer

Indicator retains peak reading of pressure or force generated by the system.

Can easily be installed on GP and H-Series gauges. Order model number: **H4000G**.



## Pressure Gauges

To measure the input pressure into cylinders or high pressure systems. Also for all testing applications.

## Load Gauges

To measure external load supported by a cylinder or jack. For pressing parts together under pre-determined loads, weighing, testing, etc.

## Force Gauges

To measure external load supported by a cylinder or jack in tons. For pressing parts together under pre-determined loads, weighing, testing, etc.

**GP-Series** are dry gauges.

**GF-Series** are glycerine-filled gauges.

## GF, GP-Series



Pressure Range:

**0 - 15,000 psi**

Force Range:

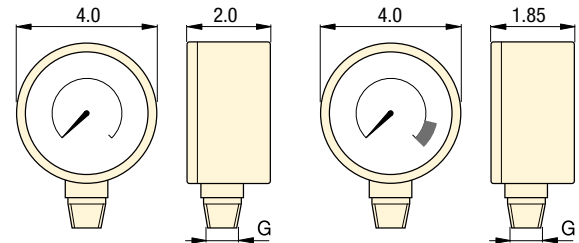
**0 - 200 tons**

Gauge Face Diameter:

**4 inches**

Accuracy, % of full scale:

**± 1%**



GP-Series

GF-Series

## Gauge Type and Calibration



Gauge Type and Calibration					Units per Division	Model Number *	Thread G	Gauge Adaptor		
psi	bar	psi	lbs	tons				Required		
0 - 10,000	0 - 700	—	—	—	100 psi, 10 bar	<b>GP10S</b>	1/2" NPTF	●	●	
0 - 15,000	0 - 1000	—	—	—	200 psi, 10 bar	<b>GP15S</b>	1/2" NPTF	●	●	
—	—	0 - 10,000	0 - 10,000	0 - 5	100 psi, 100 lbs, 0.1 tons	<b>GF5P</b>	1/2" NPTF	●	●	
—	—	0 - 10,000	0 - 22,200	0 - 11	100 psi, 200 lbs, 0.2 tons	<b>GF10P</b>	1/2" NPTF	●	●	
—	—	0 - 10,000	0 - 51,500	0 - 25.5	100 psi, 500 lbs, 0.5 tons	<b>GF20P</b>	1/2" NPTF	●	●	
—	—	0 - 10,000	0 - 110,000	0 - 55	100 psi, 1000 lbs, 1 tons	<b>GF50P</b>	1/2" NPTF	●	●	
—	—	0 - 10,000	0 - 27,000	0 - 13.5	100 psi, 200 lbs, 0.25 tons	<b>GF120P</b>	1/2" NPTF	●	●	
—	—	0 - 10,000	—	0 - 23.5/36/65	100 psi, 0.5/0.5/1 tons	<b>GF230P</b>	1/2" NPTF	●	●	
—	—	0 - 10,000	—	0 - 22/32	100 psi, 0.5/0.5 tons	<b>GF510P</b>	1/2" NPTF	●	●	
—	—	0 - 10,000	—	0 - 50/100	100 psi, 1/1 tons	<b>GF813P</b>	1/4" NPTF			●
—	—	0 - 10,000	—	0 - 25.5/32.5/55	100 psi, 0.5/0.5/0.5 tons	<b>GF835P</b>	1/4" NPTF			●
—	—	0 - 10,000	—	0 - 79/103	100 psi, 1/1 tons	<b>GF871P</b>	1/4" NPTF			●
—	—	0 - 10,000	—	0 - 150/200	100 psi, 5/5 tons	<b>GF200P</b>	1/4" NPTF			●
—	—	0 - 10,000	0 - 22,200	0 - 11	100 psi, 200 lbs, 0.2 tons	<b>GF10P</b>	1/2" NPTF	●	●	
—	—	0 - 10,000	0 - 51,500	0 - 25.5	100 psi, 500 lbs, 0.5 tons	<b>GF20P</b>	1/2" NPTF	●	●	
—	—	0 - 10,000	0 - 11,000	0 - 55	100 psi, 1000 lbs, 1 tons	<b>GF50P</b>	1/2" NPTF	●	●	
—	—	0 - 10,000	—	0 - 79/103	100 psi, 1/1 tons	<b>GF871P</b>	1/4" NPTF			●
—	—	0 - 10,000	—	0 - 150/200	100 psi, 5/5 tons	<b>GF200P</b>	1/4" NPTF			●

\* GF-Series Force Gauges with metric scale reading (bar, kN) are available by changing the suffix 'P' into 'B'.