# **Hydraulic Force and Pressure Gauges**



▼ Shown: **GF-871P**, **GP-10S** 



- GF-Series gauges are calibrated with dual scale reading for pressure and force
- Excellent readability; 4 inch diameter gauge face
- Fast, easy installation
- GF-Series gauges are glycerine filled
- Stainless steel gauge cases for corrosion resistance
- GP-Series gauges are calibrated with dual scale reading for psi and bar

▼ A GP-10S gauge is used on this press to check the hydraulic pressure required to bend flat steel bar.



# Visual References for System Pressure and Force



### **Auto-Damper Valve**

For automatic control of gauge fluctuations, the V-10 Auto-Damper Valve controls the movement of the gauge

needle by restricting oil flow in and out of the gauge. No adjustments needed.

Page:

129



#### **Snubber Valve**

Infinitely adjustable for metering oil out of a gauge. The V-91 Snubber Valve is also suitable as a shut-off

valve to protect the gauge during high cycle applications.

Page:

129

## **Used With**

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All Cylinders

All Cylinders

All 5 ton RC Cylinders

All 10 ton RC Cylinders
All 25 ton RC Cylinders

RC and RR 50 ton Cylinders
12 ton RCH-Series

RCH/RRH-20, 30 and 60 ton

RCS-201, 302 RCS-502, 1002

25 ton Presses

50 ton Presses 25-50 ton Presses 100 ton Presses

150-200 ton Presses

120 www.enerpac.com

# **Hydraulic Force and Pressure Gauges**



## **Maximum Indicator Pointer**

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

Order model number: H-4000G. Can easily be installed on GP-Series dry gauges.



## **Load Gauges**

To measure external load supported by a cylinder or jack. For pressing parts

together under pre-determined loads, weighing, testing, etc.

## **Pressure Gauges**

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

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



Pressure Range:

0-15,000 psi

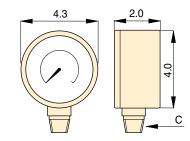
Face Diameter:

4 inch

Accuracy, % of full scale:

± 1%

#### **All Models**



	Ga	uge Type and (	Calibration	Units per Division	Model Number*	Thread C	Gauge Adaptor			
						Number		126 Required		
psi	bar	psi	lbs	tons			(in)	GA-1	GA-2	GA-3
0-10,000	0-700	_	_	_	100 psi, 10 bar	GP-10S	½ NPTF	•	•	
0-15,000	0-1000	_	_	_	200 psi, 10 bar	GP-15S	½ NPTF	•	•	
_	_	0-10,000	0-10,000	0-5	100 psi, 100 lbs, .1 ton	GF-5P	½ NPTF	•	•	
_	_	0-10,000	0-22,200	0-11	100 psi, 200 lbs, .2 ton	GF-10P	½ NPTF	•	•	
_	_	0-10,000	0-51,500	0-25.5	100 psi, 500 lbs, .5 ton	GF-20P	½ NPTF	•	•	
_	_	0-10,000	0-110,000	0-55	100 psi, 1000 lbs, 1 ton	GF-50P	½ NPTF	•	•	
_	_	0-10,000	0-27,000	0-13.5	100 psi, 200 lbs, .25 ton	GF-120P	½ NPTF	•	•	
_	_	0-10,000	-	0-23.5/36/65	100 psi, .5/.5/1 ton	GF-813P	1/4 NPTF			•
-	_	0-10,000	_	0-22/32	100 psi, .5/.5 ton	GF-230P	½ NPTF	•	•	
-	-	0-10,000	-	0-50/100	100 psi, 1/1 ton	GF-510P	½ NPTF	•	•	
-	_	0-10,000	0-51,500	0-25.5	100 psi, 500 lbs, .5 ton	GF-20P	½ NPTF	•	•	
	_	0-10,000	0-11,000	0-55	100 psi, 1000 lbs, 1 ton	GF-50P	½ NPTF	•	•	
_	_	0-10,000	_	0-25.5/32.5/55	100 psi, .5/.5/.5 ton	GF-835P	1/4 NPTF			•
-	-	0-10,000	-	0-79/103	100 psi, 1/1 ton	GF-871P	1/4 NPTF			•
_	_	0-10,000	_	0-150/200	100 psi, 5/5 ton	GF-200P	1/4 NPTF			•

<sup>\*</sup> Metric scale Force Gauges are available by changing the "P" suffix to "B".