

▼ Shown from left to right: GF-230B, GF-835B, GP-10S



- **GF-series gauges:** calibrated with dual scale reading for pressure (bar) and force (kN)
- **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 100 mm
- **Fast, easy installation**
- **Stainless steel gauge cases for corrosion resistance.**

▼ A GP-10S 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 V-10

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:  136





### Snubber Valve V-91

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:  136

Used With	
	All cylinders
	All cylinders
	5 ton RC, RSM-cylinders
	10 ton RC, RCS, RSM-cylinders
	All 25 ton RC-cylinders
	All 50 ton RC, RR-cylinders
	13 ton RCH-Series
	RCS-201, 302
	RCS-502, 1002
	RCH-202, 302, 603
	25, 30, 50 ton RC, RCS, RSM, RR
	75 and 95 ton RC, RR-cylinders
	150 and 200 ton RR-cylinders
	10 ton VLP Presses
	25 ton XLP Presses
	50 ton XLP, BPR Presses
	100 ton VLP, BPR Presses
	200 ton VLP, BPR Presses

# Hydraulic Force & Pressure Gauges



### Maximum Indicator Pointer

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

Can easily be installed on GP and H-Series gauges.  
Order model nr: **BSA-881**.



### Pressure Gauges

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

### Force Gauges

To measure external load supported by a cylinder or jack in kN. 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 - 1000 bar**

Force Range:

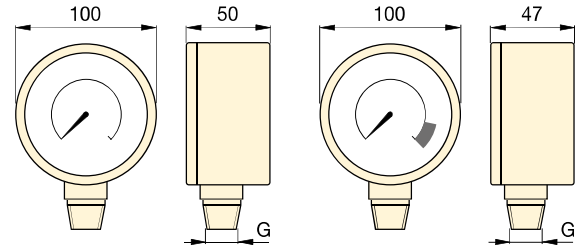
**0 - 2000 kN**

Gauge Face Diameter:

**100 mm**




Accuracy, % of full scale:

**± 1%**



GP-serie

GF-serie

Gauge Type and Calibration				Units per Division	Model Number *	Thread G	Gauge Adaptor		
 bar      psi		 bar      kN					 135 Required		
							GA-1	GA-2	GA-3
0-700	0-10.000	–	–	10 bar, 100 psi	<b>GP-10S</b>	½" NPTF	●	●	
0-1000	0-15.000	–	–	10 bar, 200 psi	<b>GP-15S</b>	½" NPTF	●	●	
–	–	0-700	0-45	10 bar, 0,5 kN	<b>GF-5B</b>	½" NPTF	●	●	
–	–	0-700	0-100	10 bar, 1 kN	<b>GF-10B</b>	½" NPTF	●	●	
–	–	0-700	0-232	10 bar, 2 kN	<b>GF-20B</b>	½" NPTF	●	●	
–	–	0-700	0-500	10 bar, 5 kN	<b>GF-50B</b>	½" NPTF	●	●	
–	–	0-700	0-124	10 bar, 1 kN	<b>GF-120B</b>	½" NPTF	●	●	
–	–	0-700	0-175/275	10 bar, 2 + 5 kN	<b>GF-230B</b>	½" NPTF	●	●	
–	–	0-700	0-450/900	10 bar, 5 + 10 kN	<b>GF-510B</b>	½" NPTF	●	●	
–	–	0-700	0-210/320/570	10 bar, 5 kN	<b>GF-813B</b>	¼" NPTF			●
–	–	0-700	0-232/300/500	10 bar, 5 kN	<b>GF-835B</b>	¼" NPTF			●
–	–	0-700	0-720/930	10 bar, 10 kN	<b>GF-871B</b>	¼" NPTF			●
–	–	0-700	0-1400/2000	10 bar, 25 kN	<b>GF-200B</b>	¼" NPTF			●
–	–	0-700	0-100	10 bar, 1 kN	<b>GF-10B</b>	½" NPTF	●	●	
–	–	0-700	0-232	10 bar, 2 kN	<b>GF-20B</b>	½" NPTF	●	●	
–	–	0-700	0-500	10 bar, 5 kN	<b>GF-50B</b>	½" NPTF	●	●	
–	–	0-700	0-720/930	10 bar, 10 kN	<b>GF-871B</b>	¼" NPTF			●
–	–	0-700	0-1400/2000	10 bar, 25 kN	<b>GF-200B</b>	¼" NPTF			●

\* GF-Series Force gauges with imperial scale reading (psi, lbs) are available by changing the suffix 'B' into 'P'.