

**ENERPAC**  
**Gauges and Gauge Adapters**

- Max. pressure: 10,000 psi, except 46C578 is 15,000 psi

Use with all cylinders and presses. Stainless steel cases resist corrosion. Gauge snubbers or needle valves recommended for high-cycle applications.



Gauge Range	Dial Size	Req. Enerpac® Gauge Adapter	Filled With	Accuracy	Connection Size	Connection Location	Mfr. Model	Item No.
<b>DGR Series, Digital Hydraulic Gauge</b>								
0 to 20,000 psi	2 3/4 in	—	—	—	1/4 in	Bottom	DGR2	22NV68
<b>GF Series, Hydraulic Force and Pressure Gauges</b>								
0 to 10,000 psi	4 in	GA-1, GA-2 OR GA-4	Glycerin	+/-1.00%	1/2 in	Bottom	GF10P	46C573
	4 in	GA-1, GA-2 OR GA-4	Glycerin	+/-1.00%	1/2 in	Bottom	GF20P	46C574
	4 in	GA-1, GA-2 OR GA-4	Glycerin	+/-1.00%	1/2 in	Bottom	GF50P	46C575
	4 in	GA-1, GA-2 OR GA-4	Glycerin	+/-1.00%	1/2 in	Bottom	GF510P	46C576
4 in	GA-1, GA-2 OR GA-4	Glycerin	+/-1.00%	1/4 in	Bottom	GF813P	46C577	
<b>GP Series, Hydraulic Force and Pressure Gauges</b>								
0 to 10,000 psi	4 in	GA-2	—	+/-1.00%	1/2 in	Bottom	GP10S	3KD63
0 to 15,000 psi	4 in	GA-1, GA-2 OR GA-4	—	+/-1.00%	1/2 in	Bottom	GP15S	46C578
<b>G Series, High Pressure Gauges</b>								
0 to 300 psi	2 1/2 in	GA-3	Glycerin	+/-1.50%	1/4 in	Bottom	G2512L	46C564
0 to 600 psi	2 1/2 in	GA-3	Glycerin	+/-1.50%	1/4 in	Bottom	G2513L	46C565
0 to 1000 psi	2 1/2 in	GA-3	Glycerin	+/-1.50%	1/4 in	Bottom	G2514L	46C566
0 to 1000 psi	2 1/2 in	GA-3	Glycerin	+/-1.50%	1/4 in	Center Back	G2531R	46C569
0 to 3000 psi	2 1/2 in	GA-3	Glycerin	+/-1.50%	1/4 in	Bottom	G2516L	46C567
0 to 6000 psi	2 1/2 in	GA-3	Glycerin	+/-1.50%	1/4 in	Bottom	G2513R	46C568
0 to 6000 psi	2 1/2 in	GA-3	Glycerin	+/-1.50%	1/4 in	Center Back	G2534R	46C570
0 to 10,000 psi	2 1/2 in	GA-3	Glycerin	+/-1.50%	1/4 in	Bottom	G2535L	3KD57
0 to 10,000 psi	2 1/2 in	GA-3	Glycerin	+/-1.50%	1/4 in	Center Back	G2537R	46C571
0 to 10,000 psi	4 in	GA-3	Glycerin	+/-1.00%	1/4 in	Bottom	G4088L	3KD59
0 to 10,000 psi	4 in	GA-2	Glycerin	+/-1.00%	1/2 in	Bottom	G4039L	5ZL41
0 to 15,000 psi	2 1/2 in	—	Glycerin	+/-1.50%	1/4 in	Bottom	G2536L	18Y527
0 to 15,000 psi	4 in	—	Glycerin	+/-1.00%	1/4 in	Bottom	G4089L	18Y528
<b>T Series, Test System Gauges</b>								
0 to 10,000 psi	6 1/2 in	—	—	+/-0.50%	1/2 in	Bottom	T6003L	18Y551
0 to 40,000 psi	6 1/2 in	—	—	+/-1.50%	1/4 in	Bottom	T6010L	18Y552
<b>Gauge Adapters</b>								
	Gauge Port (FNPT) (in.)	(M)NPT Fitting (in.)	(FN)PT Fitting (in.)	L (in.)	Mfr. Model	Item No.		
1/4 in	3/8 in	3/8 in	3/8 in	5.25 in	GA3	3KD39		
1/2 in	1/2 in	3/8 in	3/8 in	4.38 in	GA4	3KD40		
1/2 in	3/8 in	3/8 in	3/8 in	2.8125 in	GA1	46C572		
1/2 in	3/8 in	3/8 in	3/8 in	6.1 in	GA2	3KD38		

**ENERPAC**  
**35-Ton Hydraulic Punch and Punch and Die Sets**



Note: Material thickness should not exceed hole diameter.

**35-Ton Hydraulic Punch**—Designed to punch burr-free holes in mild steel up to 1/2" thick. Includes bench-mount bracket, metal storage case, die changeover tools, and 3/8" coupler. Works with hand-, air-, and electric-powered hydraulic pumps.

▪ Spring return cylinder

**Punch-and-Die Kits**—Include punch and 4 die sets that produce round holes sized 0.44", 0.56", 0.69", and 0.81" in diameter. Once punched, these holes will accommodate standard bolts sized 3/8", 1/2", 5/8", and 3/4".

Description	Mfr. Model	Item No.		
35-ton Hydraulic Punch	SP35	3KD34		
Punch and Die Kit	SP35S	4PU64		
Punch and Die Kit with Electric Pump and Hose	SP35SP	25TV51		
Std. Hole Size (in.)	Std. Bolt Size (in.)	Characteristics	Mfr. Model	Item No.
<b>Punch and Die Sets</b>				
0.31	1/4 in	Circle Hole	SPD313	3KD85
0.38	3/16 in	Circle Hole	SPD375	3KD86
0.38	3/16 in	Square Hole	SPD549	46C550
0.44	3/8 in	Circle Hole	SPD438	3KD87
0.44	3/8 in	Square Hole	SPD639	46C551
0.44 x 0.75	3/8 in	Oval Hole	SPD188	46C548
0.50 x 0.75	7/16 in	Oval Hole	SPD250	46C549
0.53	7/16 in	Circle Hole	SPD531	3KD88
0.56	1/2 in	Circle Hole	SPD563	3KD89
0.69	3/4 in	Circle Hole	SPD688	3KD90
0.78	—	Circle Hole	SPD781	3KD91
0.81	3/4 in	Circle Hole	SPD813	3KD92

**ENERPAC**  
**Needle and Check Valves**

**Needle Valve**—Controls cylinder speed. Can be used as a shutoff valve for temporary load holding.

**Manually Operated Check Valve**—Improves safety in load-holding applications. When closed, oil is allowed into cylinder but not back to pump.

**Pressure Relief Valve**—Add to a 10,000 psi pump or to a hydraulic system to limit system pressure. Opens when preset pressure is reached. Repeatability: ±3%. Includes 3-ft. line hose kit.

**Hydraulic Split Flow Valve**—Allows a single pump to independently operate 2 cylinders. Steel construction.



6W468



6W468



1MTG2



3PCU6

Item	Inlet Port Size	Port Size	Outlet Port Size	Pressure Range (psi)	Mfr. Model	Item No.
Needle Valve	3/8 in NPT	3/8 NPT	3/8 in NPT	—	V82	6W468
Manually Operated Check Valve	3/8 in NPT	3/8 NPT	3/8 in NPT	—	V66	6W469
Pressure Relief Valve	—	3/8 in NPT	—	800 to 10,000	V152	1MTG2
Hydraulic Split Flow Valve	—	3/8 in NPT	—	0 to 10,000	AM21	3PCU6

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