

GAUGES

PG-63

63 mm diam. 0-1,000 bar /
0-14,500 psi 1/4" NPT Male



PG-100-40K

100 mm diam. 0-2,700 bar /
0-40,000 psi 9/16"-18
UNF Female



PG-100

100 mm diam. 0-1,000 bar /
0-14,500 psi 1/4" NPT Male



PG-100-60K

100 mm diam. 0-4,000 bar /
0-60,000 psi 9/16"-18
UNF Female



PG-150

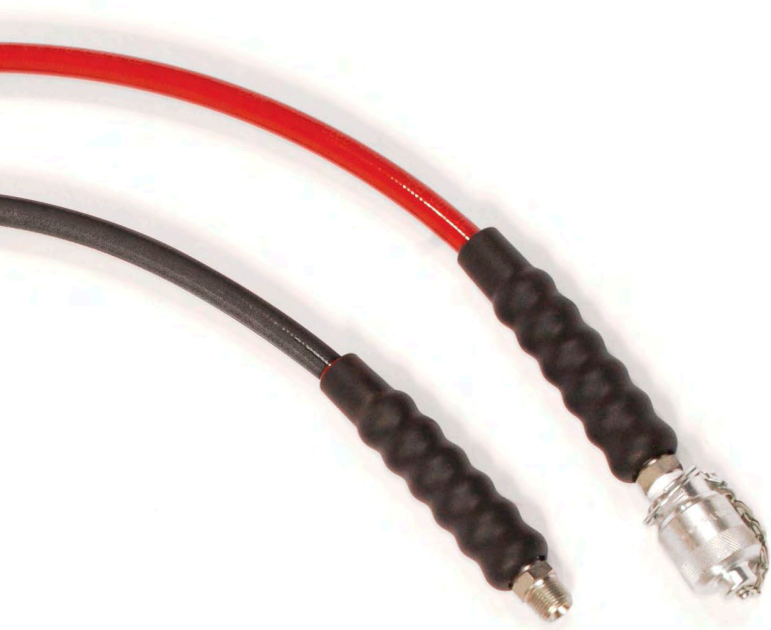
150 mm diam. 0-1,000 bar /
0-14,500 psi 1/4" NPT Male



THE **PG-SERIES** HYDRAULIC PRESSURE GAUGES ARE RECOMMENDED FOR MONITORING ALL HYDRAULIC SYSTEMS.

Models are available from 63-150 mm face diameter and feature high quality stainless steel construction. All models are liquid filled to increase longevity and are accurate to within 1% excluding model PG-63 (1.6%).

HOSES



THE **HPS-SERIES** HYDRAULIC 1/4" & 3/8" HOSES ARE A HIGH PRESSURE THERMOPLASTIC HOSE THAT EXCEEDS THE AMERICAN JACKING SPECIFICATIONS IJ100 FOR USE IN APPLICATIONS TO 700 BAR.

The hose is made up by an inner tube that is polyester elastomer and is reinforced by braids of aramid fibre plus one braid of steel wire covered with a polyurethane (anti abrasive) outer. The hose is lightweight and flexible with a tight bend radius for use on hose reels and in tight environments. 1/4" sizes are available in Red, Black and Twin (1 x Red / 1 x Black) for double acting hydraulic applications. All hoses are complete with crimp on fittings and bend restrictors. Models complete with hydraulic couplings are available (See table for details).

Model No.	Hose Size (inch)	Internal Diameter (mm)	Outside Diameter (mm)	Working Pressure		Burst Pressure		Safety Factor ratio	Temperature Range		Bend Radius (mm)	Weight (g/m)
				(bar)	(psi)	(bar)	(psi)		(min)	(max)		
HPS-06	1/4	6.6	12.7	700	10,000	2,800	40,000	4:1	-40 °C	+100 °C	35	180
HPS-10	3/8	9.8	18.7	700	10,000	2,800	40,000	4:1	-40 °C	+100 °C	90	330

VNV-1

3/8" NPT female needle valve

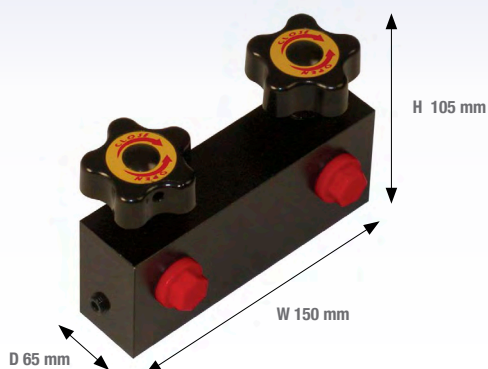


DURAPAC *IN LINE FLOW CONTROL VALVES* ALLOW THE SYSTEM DESIGNER GREAT FLEXIBILITY AND CONTROL.

Available options include a needle type flow control valve, two and four outlet needle valve blocks and check valve with manual by-pass. The VCB-1 load lowering counter balance valve offers smooth chatter free lifting and lowering when used with double acting cylinders. It has a pilot pressure adjusting range of 50-350 bar and can be mechanically locked once set.

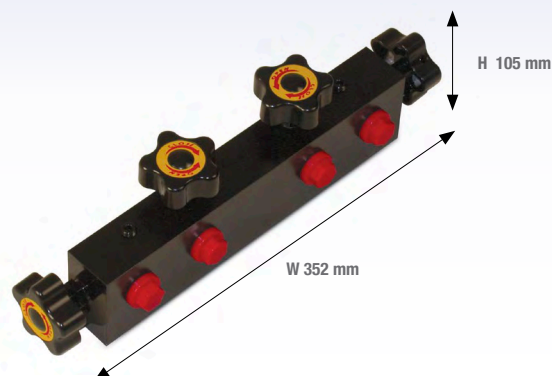
VMN-2

2 way manifold with needle valves - 2 x 3/8" NPT female outlet ports, 1 x 3/8" NPT female inlet port (centrally located opposite to the 2 outlet ports)



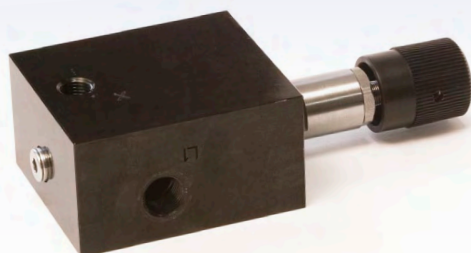
VMN-4

4 way manifold with needle valves - 4 x 3/8" NPT female outlet ports, 1 x 3/8" NPT female inlet port (centrally located opposite to the 4 outlet ports)



VCB-1

Load lowering counter balance valve for smooth controlled lifting and lowering. Pilot pressure adjusting range 50-350 bar. Ports 3/8" BSP parallel female (pilot port 1/4" BSP parallel female). Supplied with 2 each 3/8" BSPP x 3/8" NPT male nipples.



VCV-66

3/8" NPT female load lowering check valve with manual bypass



DURAPAC **HYDRAULIC COUPLINGS**

OFFER THE USER VARIOUS OPTIONS FOR EASY ASSEMBLY AND CONNECTION OF HYDRAULIC SYSTEMS AND TOOLS.

The CR-6 female high flow screw coupling with dust cap is standard supply on all Durapac cylinders. Other options available include 1/8" and 1/4" screw style couplings and snap together style where no oil spill on connection or disconnection is desirable. The GCS-210 is a gauge coupling set and is ideal for use when the pressure gauge needs to be removed from a system for protection and transportation.

CH-2

1/8" male coupling with dust cap* (1/8" NPT male)



CR-2

1/8" female coupling with dust cap* (1/8" NPT male)



CS-2

Coupling set with dust caps* includes CH-2 and CR-2



CH-4

1/4" male coupling with dust cap* (1/4" NPT female)



CR-4

1/4" female coupling with dust cap* (1/4" NPT male)



CS-4

Coupling set with dust caps* includes CH-4 and CR-4



CH-6

3/8" male coupling with dust cap* (3/8" NPT female)



CR-6

3/8" female coupling with dust cap* (3/8" NPT male)



CS-6

3/8" coupling set with dust caps* includes CH-6 and CR-6



UDC-1

Universal dust cap to suit 3/8" male and female couplings



CFH-6

Male half snap coupling with dust cap (3/8" NPT female)



CFR-6

Female half snap coupling with dust cap (3/8" NPT female)



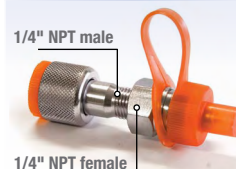
CFS-6

Snap coupling set with dust caps includes CFH-6 and CFR-6



GCS-210

Gauge coupling set with dust caps. Compact pin design



THREAD SIZES

1/8, 1/4" & 3/8" NPT
1/4" & 3/8" BSPP

MAXIMUM OPERATING PRESSURE

700 bar

* Dust cap not shown