

P40 Monoblock Spool Valve 40 LPM

The P40 low profile monoblock spool valve has been specifically designed for use in mobile hydraulic applications. It is compact but has a flow capacity of 40 lpm at 250 bar. With quality by design, high specification materials, 100% production testing and a choice of series or parallel circuitry, the P40 valve is an economic alternative to currently available monoblocks. Supplied with an adjustable relief valve and levers as standard. The new valve is available with a range of spool options and centring mechanisms to suit a variety of mobile and industrial applications.



Data Sheet P40d

Description

Compact monoblock construction with up to 7 spools with a common load check valve or 3 and 4 spools with individual load check valves to comply with machine safety requirements. Adjustable relief valves and universal levers.

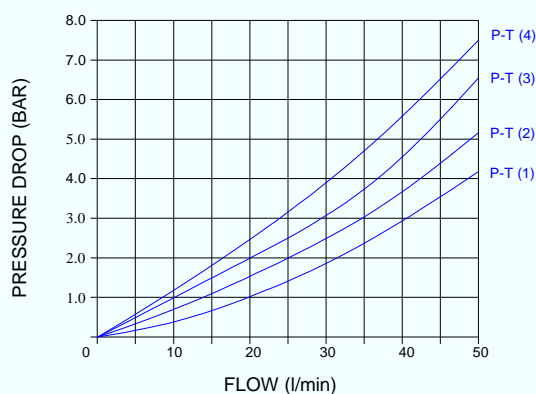
Application

Suited to mobile applications where space is limited and a cost effective valve is required with good flow characteristics. Used extensively in mobile, industrial and mechanical handling services.

Features

- Individually tested.
- Compact.
- 1 to 7 spools options.
- Universal lever.
- Cable option.
- Low profile.
- Individual load check option.
- Adjustable relief valve.
- Economic.
- Hydraulic pilot option.
- Pressure beyond option.

TYPICAL PRESSURE DROP CURVES
FOR 1 SECTION TO 4 SECTION BANKS



Hy-Pro

motion and control solutions

Technical Data

Performance

Rated flow 40 lpm
 Maximum inlet pressure 250 bar
 Maximum back pressure 10 bar
 Temperature rating min -20°C
 Temperature rating max +65°C
 Spool leakage at 120 bar <15cc/minute

Recommended Oil

Mineral based Hydraulic ISO VG37
 Minimum cleanliness 10 TO NAS 1638

Materials

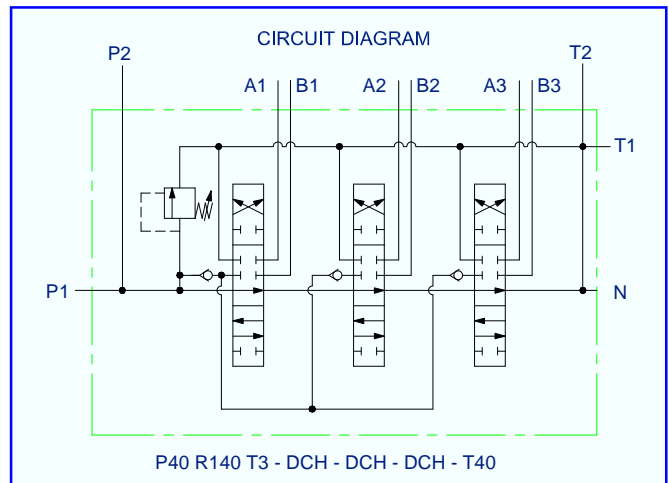
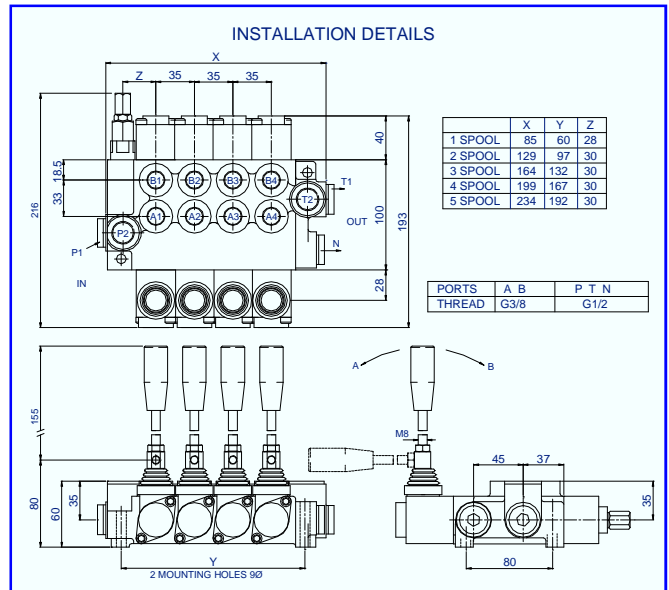
Body - cast iron Grade 300 – phosphated
 Spool – steel Chrome plated
 External plating Zinc chromate
 Lever housing Aluminium
 Seals Nitrile

Weight

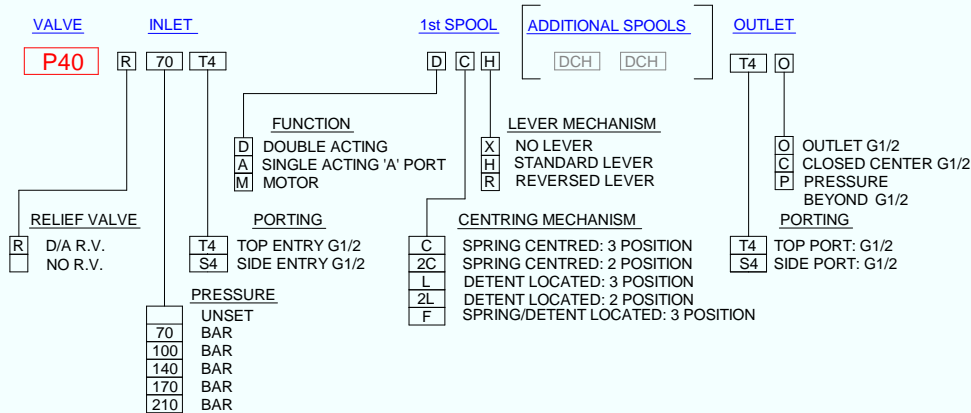
1 spool 2.8 kg
 2 spool 4.2 kg
 3 spool 5.6 kg
 4 spool 7.2 kg
 5 spool 8.4 kg
 6 spool 9.6 kg
 7 spool 10.8 kg

Ports

Service ports A & B G 3/8
 Inlet/outlet ports P & T G 1/2
 Pressure beyond N G 1/2



ORDER CODE



NOTE: TOP PORT OPTIONS NOT AVAILABLE ON ONE-SPOOL VALVE.

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