

P80 Monoblock Spool Valve 80 Lpm

The P80 monoblock spool valve has been specifically designed for use in mobile hydraulic applications. It is compact but has a flow capacity of 80 lpm at 250 bar. With quality by design, high specification materials including chromed spools, 100% production testing and a choice of series or parallel circuitry, the P80 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



Description

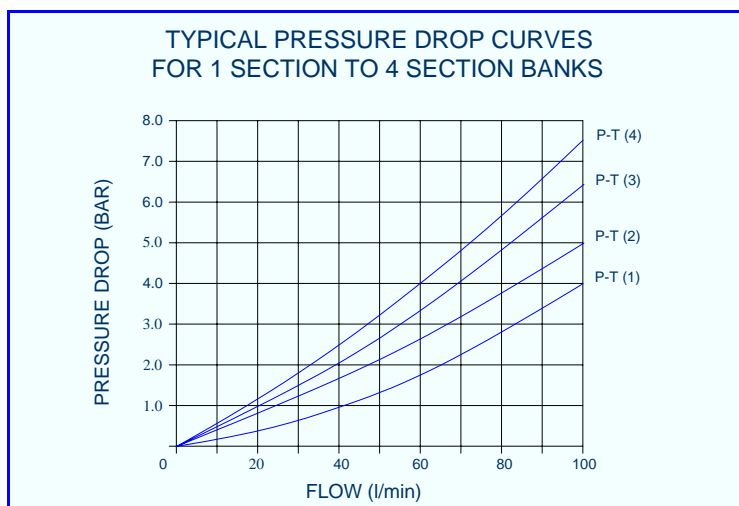
Compact monoblock construction with up to 4 spools and individual load check valves to comply with machine safety requirements. Adjustable relief valve and universal levers.

Application

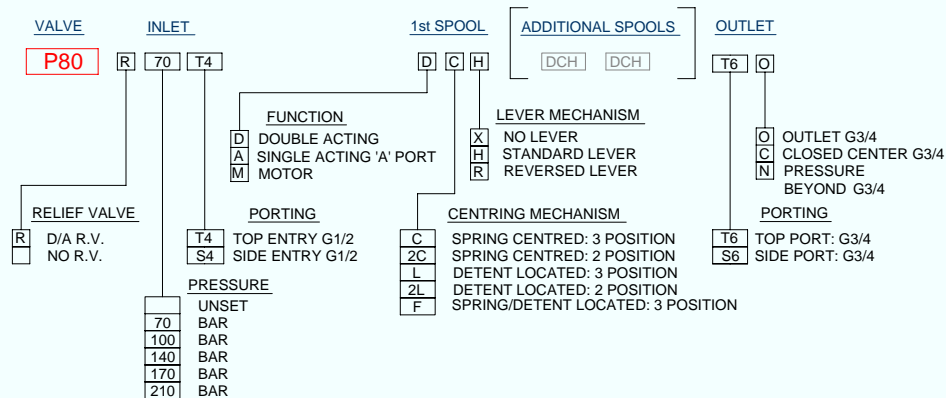
Suited to mobile applications where space is limited and a cost effective valve is required with good flow characteristics. Used extensively in mobile, industrial and mechanical handling services

Features

- Individually tested.
- Compact.
- 1 to 4 spool options.
- Universal lever.
- Cable option.
- Low profile.
- Individual load check.
- Closed centre option.
- Pressure carry over option.
- Adjustable relief valve.
- Air pilot option.
- Hydraulic pilot option.
- Chrome plated spools.



ORDER CODE



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

Technical Data

Performance

Rated flow	80 lpm
Maximum inlet pressure	250 bar
Maximum back pressure	10 bar
Temperature rating minimum	-25°C
Temperature rating maximum	+65°C
Spool leakage at 120 bar	<10cc/minute

Recommended Oil

Mineral based Hydraulic	ISO VG37
Minimum cleanliness	ISO DIS 4406 18/12

Materials

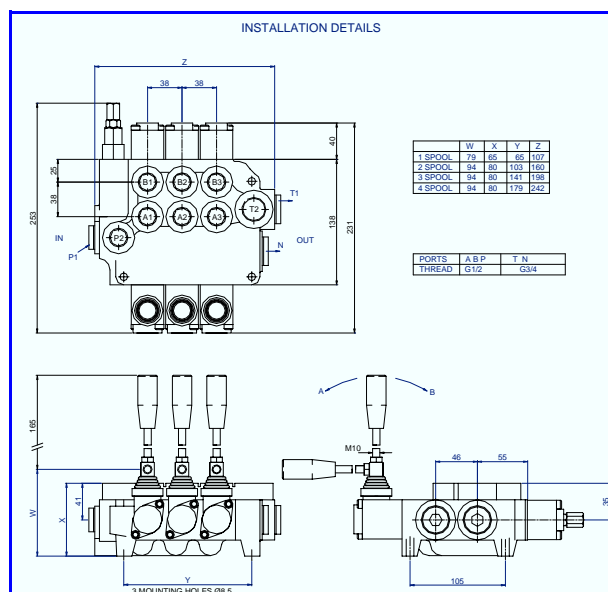
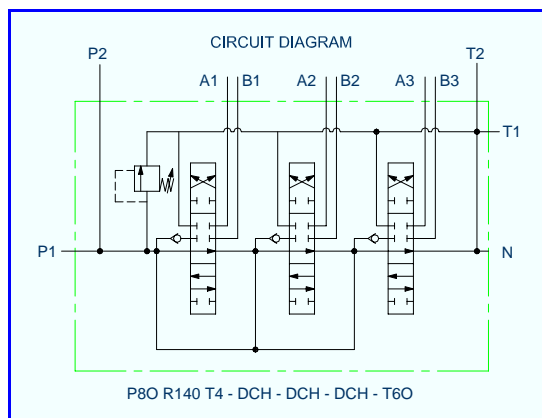
Body - cast iron	Grade 300 – Phosphated
Spool	Chrome Plated
External plating	Zinc chromate
Lever housing	Aluminium
Seals	Nitrile

Weight

1 spool	4.2 kg
2 spool	7.0kg
3 spool	9.8kg
4 spool	12.6kg

Ports

Service ports A & B	G 1/2
Inlet port P	G 1/2
Outlet port T	G 3/4
Pressure beyond N	G 3/4



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