

IFP MD50 Design "73" Manually Operated Monoblock Valves



FEATURES

- * Adjustable Balanced Piston Relief Valve
- * Power Beyond / Closed Center Available
- * Integral Load Holding Check Valve
- * Optional Pilot Operated Check Valves
- * Single / Double acting & Motor spools
- * Spring Return or Detent



MD50 ORDERING CODE

IFP MD 50 1 C S D P 73

Monoblock Valve | **Valve Series** 50 = 30 GPM | **Number of Spools** 1 = 1 Spool, 2 = 2 Spool, 3 = 3 Spool | **Spool Type** C = Double Acting, M = Motor Spool | **Port Type** S = SAE (Std), N = NPT *Factory Lead Time, B = BSP *Factory Lead Time | **Spool Function** No Code = Spring Return, D = Detent | **Tank Port** No Code = Open Center, C = Closed Center, P = Power Beyond | **Design Number** 73

Model	MD50
Maximum Flow	30 US gpm (95 l/min)
Recommended flow	18 US gpm (70 l/min)
Maximum Pressure	5000 PSI (350 bar)
Maximum Back Pressure	1160 PSI (80 bar)
Leakage @1500 PSI (100bar)	0.125 in ³ /min (1 cm ³ /min)
Weight MD50 -1	12.1 lbs (5.5 kg)
Weight MD50 -2	18.7 lbs (8.5 kg)
Weight MD50 -3	25.4 lbs (11.5 kg)

Valve Ports			
Thread	Port - A & B	Pressure	Tank
SAE	SAE-10	SAE- 12	SAE- 12
NPT	1/2"	3/4"	3/4"
BSP	1/2"	3/4"	3/4"

