

OPEN CENTER BACKHOE LOADER VALVES



**MV180
Backhoe
Valve**



**LOW
PRESSURE DROP
SERIES**



**MV182
Auxiliary
Valve**

**MV181
Loader
Valve**



MV180 Backhoe Valve



Features:

- Dedicated backhoe valve
- Parallel circuit and open center
- 6 spool monoblock
- Max. flow rate: 180 LPM
- Nominal pressure: 250 bar
- Individual load check valves
- Solenoid clamp valve
- Low-leak check valve for boom and dipper
- Anti-shock/anti-cavitation valve
- Sections 1, 2, 5 & 6 for boom, bucket, dipper and Swing - with port protection
- High pressure carry-over option (HPCO)
- Mechanical and hydraulic control options

MV181 Loader Valve



Features:

- Dedicated loader valve
- Max. flow rate: 180 LPM
- Nominal pressure: 250 bar
- Parallel circuit and open center
- 3 spool monoblock
- Solenoid control for shovel open and close
- Adjustable relief valve
- Individual load check valves
- Anti-shock/anti-cavitation valve
- Fitted with either a solenoid operated or a pressure operated unloading valve for use on a two pump system
- Float spool option
- Electrical detent for "Return-to-dig"
- High pressure carry-over option (HPCO)
- Mechanical and hydraulic control options
- Electro-Hydraulic control options for shovel open-close function

MV182 Auxiliary Valve



Features:

- Max. flow rate: 180 LPM
- Nominal pressure: 250 bar
- Open center
- 1 spool monoblock
- Adjustable relief valve
- Load check valve
- Anti-shock/anti-cavitation valve
- High pressure carry-over option (HPCO)
- Mechanical and hydraulic control options