

HYDRAULIC SECTIONAL VALVES

APG DIRECTIONAL CONTROL VALVES

APSCO's APG directional control valves are a sectional, directional control valve that is interchangeable with the very popular VA and VG series hydraulic valve product lines. The APG valves can be used in parallel/open center circuit applications with manual, hydraulic or pneumatic operation.



- The APG 20 Series has a nominal capacity of 40gpm and a max operating pressure of 3500PSI.
- The APG35 Series has a nominal capacity of 70gpm and a max operating pressure of 3500PSI
- The compacted graphite cast construction allows for a max operating pressure of 3500PSI.
- Interchangeable with the very popular VA and VG series hydraulic valve
- Available in individual components or we can build you a custom engineered and tested valve assembly
- 100% factory tested



REFUSE & WASTE



OIL & GAS



SNOW & ICE



DUMP

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APSCO APG DIRECTIONAL CONTROL HYDRAULIC VALVES



APG 20 SERIES

FEATURES:

- Compacted graphite for shock load resistance and higher pressure needs
- Full flow relief valves and low open center pressure drop
- Parallel circuit design permits all spools to be operated independently or simultaneously with the lightest load receiving priority
- Precision machined spools are hard chrome plated for maximum life and corrosion resistance
- Stackable sectional design allows for customizing the assembly to your specific needs
- Work sections are 100% pre-assembled and pre-tested before shipping
- Large variety of spool types and backcap actions. Transition load checks are standard to prevent load shift between spool positions
- Wide range of work port options including port reliefs, anti-cavitation valves, port restrictors, and H.P.C.O. power beyond providing flexibility for all your design needs

APG 20 SERIES TECHNICAL DATA

Directly interchangeable with the popular DA20 and DG20
 Design Type..... Sectional
 Circuit..... Parallel/Open Center
 Material.....Compacted Graphite, a High Strength Iron Alloy
 Capacity.....40 GPM nominal
 Max. System Pressure..... 3500 psi - using SAE porting
 Relief Valves ... Differential Type Adjustable From 800 To 3500 psi



APG 35 SERIES

FEATURES:

- Compacted graphite for shock load resistance and higher pressure needs
- Full flow relief valves and low open center pressure drop
- Parallel circuit design permits all spools to be operated independently or simultaneously with the lightest load receiving priority
- Precision machined spools are hard chrome plated for maximum life and corrosion resistance
- Stackable sectional design allows for customizing the assembly to your specific needs
- Work sections are 100% pre-assembled and pre-tested before shipping
- Large variety of spool types and backcap actions. Transition load checks are standard to prevent load shift between spool positions
- Wide range of work port options including port reliefs, anti-cavitation valves, port restrictors, and H.P.C.O. power beyond providing flexibility for all your design needs

APG 35 SERIES TECHNICAL DATA

Directly interchangeable with the popular DA35 and DG35
 Design Type..... Sectional
 Circuit..... Parallel/Open Center
 Material.....Compacted Graphite, a High Strength Iron Alloy
 Capacity.....70 GPM - 226 LPM - Nominal
 Max. System Pressure.....3500 psi using SAE porting
 Seal Type.....Buna-N
 Relief Valves Differential Type Adjustable From
 80 To 3000 psi - 103.5 to 207 Bar
 Preset At 2000 psi - 138 Bar

Available in individual components or we can build you a custom engineered and tested valve assembly.



AIR ACTUATORS

- C3520-DM non-metering for APG20 series
- C3820-DM metering for APG20 series
- C3535-DM non-metering for APG35 series
- C3835-DM metering for for APG35 series



AIR CONTROLS

- VM-7 single
- VM7-2B2020 2 BANK (2) 20 DEG
- VM7-3B20S20 3 BANK 20, STR, 20
- VM7-4B35202035 4 BANK 35,20,20,35
- VM7-5B3520S2035 VAL 5BK 35, 20, STR, 20, 35

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