

20 Series Sectional Control Valves

- Brand new Prince 20 Series hydraulic sectional control valves. Select the exact components needed for your application from the chart below. All components sold individually to order complete valves, add to existing assemblies or replacement parts. Work sections are furnished with handles, bolt kits include necessary o-rings to seal between sections.
- Load Sense valves are used with pressure-flow compensated pumps with load sensing. Load sense port is in outlet section. Load sense work sections can only be used with load sense Inlet/Outlet sections.
- One to ten section valves can be ordered. All In and Out sections have both top and end ports.
- To order purchase 1 inlet section, work sections to meet your needs, a bolt kit for the corresponding number of work sections and 1 outlet section. All components furnished separately for easy assembly.
- See page 27 for optional accessories including direct mount joystick lever kits, air shift kits and cable operated levers and joysticks
- To order: purchase 1 inlet section, work sections to meet your needs, a bolt kit for the corresponding number of work sections and 1 outlet section. All components furnished separately for easy assembly.

SPECIFICATIONS

- Flow rate 20 GPM (nominal) to 25 GPM maximum
- Pressure 3500 PSI maximum
- All Ports are SAE o-ring boss.
- Cast iron construction with chrome plated spools.
- Load checks with each work section.

Ordering Example

1. Three spool valve with an open center.
2. First and second spools to control double acting cylinders with spring return to neutral; the third spool to control a hydraulic motor with detent positions.
3. Order the following:
 - (1) **9-2012G** **Inlet Section**
 - (2) **9-20P1BA1AA** **Work Sections**
 - (1) **9-20P1CB1AA** **Work Section**
 - (1) **9-20E21** **Outlet Section**
 - (2) **9-660402003** **Bolt Kit**

Complete Valve Dimensions

Model	Size	Shpg.
1 Spool	8 ⁵ / ₈ " x 5 ⁷ / ₈ " x 3 ¹ / ₄ "	15 lbs.
2 Spool	8 ⁵ / ₈ " x 7 ¹ / ₄ " x 3 ¹ / ₄ "	22 lbs.
3 Spool	8 ⁵ / ₈ " x 8 ³ / ₄ " x 3 ¹ / ₄ "	29 lbs.
4 Spool	8 ⁵ / ₈ " x 10 ¹ / ₈ " x 3 ¹ / ₄ "	36 lbs.
5 Spool	8 ⁵ / ₈ " x 11 ⁵ / ₈ " x 3 ¹ / ₄ "	42 lbs.
6 Spool	8 ⁵ / ₈ " x 13" x 3 ¹ / ₄ "	48 lbs.
7 Spool	8 ⁵ / ₈ " x 14 ¹ / ₂ " x 3 ¹ / ₄ "	55 lbs.
8 Spool	8 ⁵ / ₈ " x 16" x 3 ¹ / ₄ "	60 lbs.
9 Spool	8 ⁵ / ₈ " x 17 ¹ / ₂ " x 3 ¹ / ₄ "	65 lbs.
10 Spool	8 ⁵ / ₈ " x 19" x 3 ¹ / ₄ "	70 lbs.



Item Number	Prince model	SAE Ports	Product Details & Application	Price
Inlet Sections				
9-2012G	2012G	12	Open Center Systems, Adjustable Relief (1350-1750 PSI) preset @ 1750 PSI	\$131.65
9-2012H	2012H	12	Open Center Systems, Adjustable Relief (1750-2200 PSI) preset @ 2200 PSI	\$131.65
9-2012J	2012J	12	Open Center Systems, Adjustable Relief (2200-3000 PSI) preset @ 2500 PSI	\$131.65
9-2012A	2012A	12	Closed Center Systems and Load Sense, No Relief Valve	\$93.00
Work Sections Manual Operated				
9-20P1AA1AA	20P1AA1AA	10	Single Acting Cylinder Spool, spring centered	\$168.35
9-20P1BA1AA	20P1BA1AA	10	Double Acting Cylinder Spool, spring centered	\$160.75
9-20P1BB1AA	20P1BB1AA	10	Double Acting Cylinder Spool, 3 position detent	\$166.75
9-20P1CA1AA	20P1CA1AA	10	Motor Spool, spring centered	\$168.35
9-20P1CB1AA	20P1CB1AA	10	Motor Spool, 3 position detent	\$174.35
9-20P1DD1AA	20P1DD1AA	10	Double Acting Cylinder Spool w/detented float position	\$210.15
9-20L1CA1	20L1CA1	10	Double Acting Cylinder Spool w/Locks, spring centered	\$230.95
Work Sections Load Sense Lever Operated				
9-20LP1HA1AA	20LP1HA1AA	10	Single Acting Cylinder Spool, spring centered	\$192.85
9-20LP1JA1AA	20LP1JA1AA	10	Double Acting Cylinder Spool, spring centered	\$185.50
9-20LP1JB1AA	20LP1JB1AA	10	Double Acting Cylinder Spool, 3 position detent	\$191.50
9-20LP1KA1AA	20LP1KA1AA	10	Motor Spool, spring centered	\$192.85
9-20LP1KB1AA	20LP1KB1AA	10	Motor Spool, 3 position detent	\$198.85
9-20LP1MD1AA	20LP1MD1AA	10	Double Acting Cylinder Spool w/detented float position	\$222.50
Outlet Sections				
9-20E21	20E21	12	Open Center Systems	\$62.10
9-20E22	20E22	12	Open Center Systems with SAE 10 Power Beyond Port	\$71.95
9-20E23	20E23	12	Closed Center Systems	\$68.85
9-20LE21	20LE21	12	Load Sense Systems SAE 4 load sense port	\$102.00
Bolt Kits				
9-660402001	660402001		1 Work Section Bolt Kit	\$18.00
9-660402002	660402002		2 Work Section Bolt Kit	\$20.55
9-660402003	660402003		3 Work Section Bolt Kit	\$22.80
9-660402004	660402004		4 Work Section Bolt Kit	\$24.75
9-660402005	660402005		5 Work Section Bolt Kit	\$28.65
9-660402006	660402006		6 Work Section Bolt Kit	\$31.50
9-660402007	660402007		7 Work Section Bolt Kit	\$42.30
9-660402008	660402008		8 Work Section Bolt Kit	\$46.60
9-660402009	660402009		9 Work Section Bolt Kit	\$47.65
9-660402010	660402010		10 Work Section Bolt Kit	\$55.15

