

## Brand Series 34 Sectional Control Valves



• Brand new. BRAND HYDRAULICS 34 series hydraulic sectional control valves. Select components below for your application. All components sold individually to build complete valves, add to existing assemblies or replacement parts. Work sections are furnished with handles and o-rings to seal between sections. Inlet and outlet sections have top or side ports.

• One to nine section valves can be ordered.

• 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 12 GPM (nominal) to 18 GPM
- Pressure 3500 PSI
- Load checks built in on each work section

- Cast Iron with chrome plated spools
- Metering notches for smooth control of load

### Ordering Example

1. Three spool valve with open center.
2. First and second spools to control double acting cylinders with spring center and third spool to control a hydraulic motor with detent positions.
3. Order the following:

- |     |        |                |
|-----|--------|----------------|
| (1) | 905399 | Inlet Section  |
| (2) | 905393 | Work Sections  |
| (1) | 905397 | Work Section   |
| (1) | 905401 | Outlet Section |
| (1) | 905406 | Tie Bolt Kit   |

### Complete Valve Dimensions

Model	Size	Shpg.
1 Spool	7 <sup>5</sup> / <sub>8</sub> " x 6 <sup>1</sup> / <sub>2</sub> " x 3 <sup>1</sup> / <sub>2</sub> "	17 lbs.
2 Spool	7 <sup>5</sup> / <sub>8</sub> " x 7 <sup>7</sup> / <sub>8</sub> " x 3 <sup>1</sup> / <sub>2</sub> "	22 lbs.
3 Spool	7 <sup>5</sup> / <sub>8</sub> " x 9 <sup>1</sup> / <sub>4</sub> " x 3 <sup>1</sup> / <sub>2</sub> "	27 lbs.
4 Spool	7 <sup>5</sup> / <sub>8</sub> " x 10 <sup>5</sup> / <sub>8</sub> " x 3 <sup>1</sup> / <sub>2</sub> "	32 lbs.
5 Spool	7 <sup>5</sup> / <sub>8</sub> " x 12" x 3 <sup>1</sup> / <sub>2</sub> "	37 lbs.
6 Spool	7 <sup>5</sup> / <sub>8</sub> " x 13 <sup>3</sup> / <sub>8</sub> " x 3 <sup>1</sup> / <sub>2</sub> "	42 lbs.
7 Spool	7 <sup>5</sup> / <sub>8</sub> " x 14 <sup>3</sup> / <sub>4</sub> " x 3 <sup>1</sup> / <sub>2</sub> "	47 lbs.
8 Spool	7 <sup>5</sup> / <sub>8</sub> " x 16 <sup>1</sup> / <sub>8</sub> " x 3 <sup>1</sup> / <sub>2</sub> "	52 lbs.
9 Spool	7 <sup>5</sup> / <sub>8</sub> " x 17 <sup>1</sup> / <sub>2</sub> " x 3 <sup>1</sup> / <sub>2</sub> "	57 lbs.



Item Number	Brand Model	SAE Ports	Product Details & Application				Price	
Inlet Sections								
905399	34PG2B20	10	Open Center Systems, Adjustable Relief (600-3500 PSI) preset @ 2000 PSI				\$46.20	
905400	34PG2	10	Closed Center Systems No Relief				\$35.15	
Work Sections with handle								
905398	34BFT3SB	8	Single Acting Cylinder Spool, spring centered				\$120.30	
905393	34BFT4SB	8	Double Acting Cylinder Spool, spring centered				\$120.30	
905395	34BFT4DB	8	Double Acting Cylinder Spool, 3 position detent				\$121.10	
905394	34BFT4KB	8	Double Acting Cylinder Spool, spring centered w/detented float position				\$135.70	
905396	34BFO4SB	8	Motor Spool, spring centered				\$121.10	
905397	34BFO4DB	8	Motor Spool, 3 positon detent				\$121.10	
Outlet Sections								
905401	34TG2	10	Open Center Systems				\$36.65	
905402	34TG2B	10	Open Center Systems w/Power Beyond Port				\$57.90	
905403	34TG2C	10	Closed Center Systems				\$37.45	
Bolt Kits								
Item Number	Brand Model	Product Details		Price	Item Number	Brand Model	Product Details	Price
905404	34TR1	1 Work Section Bolt Kit		\$14.70	905409	34TR6	6 Work Section Bolt Kit	\$28.70
905405	34TR2	2 Work Section Bolt Kit		\$14.70	905410	34TR7	7 Work Section Bolt Kit	\$30.20
905406	34TR3	3 Work Section Bolt Kit		\$18.00	905411	34TR8	8 Work Section Bolt Kit	\$31.75
905407	34TR4	4 Work Section Bolt Kit		\$25.95	905412	34TR9	9 Work Section Bolt Kit	\$33.40
905408	34TR5	5 Work Section Bolt Kit		\$27.20				

### 1 Spool 20 GPM Rotary Spool Marine Control Valve



ITEM 905360  
**\$253.95**

• Brand new, BRAND HYDRAULICS model MPA0755T4HRE directional control valve with rotary spool. Special epoxy coating to inhibit rust. Stainless steel spool. Rotary friction detent. Use for controlling hydraulic motors.

#### SPECIFICATIONS

- Open Center
- Spools One
- Flow 20 GPM max.
- Relief Valve Adj to 1500-3000, preset @ 1500 PSI
- Pressure 3000 PSI max.
- In/Out Ports 3/4" NPT
- Work Ports 1/2" NPT
- Mount 3 holes thru body
- Size 9" x 4 1/4" x 8"
- Shpg. 10 lbs.

#### SPOOL DETAILS

- Spool 1 Double Acting, rotary motion, Stainless Steel



### 1 Spool 18 GPM Rotary Spool Marine Control Valve



ITEM 905359  
**\$462.50**

• Brand new, BRAND HYDRAULICS model MPTS1120TEHB directional control valve with rotary spool. Special epoxy coating to inhibit rust. Stainless steel spool. Turning spool 90 degrees CW goes to full spool in and 90 degrees CCW to full spool out. Rotary friction detent holds handle in any position. Use for controlling hydraulic motors.

#### SPECIFICATIONS

- Open Center
- Spools One
- Flow 18 GPM max.
- Pressure 3000 PSI max.
- Relief Valve Adj to 1500-3000, preset @ 2000 PSI
- In/Out Ports SAE 12 (top or side ports)
- Work Ports SAE 10
- Mount 3 holes thru body
- Size 9 3/8" x 4 1/2" x 2 3/4"
- Shpg. 10 lbs.

#### SPOOL DETAILS

- Spool 1 Double Acting, Rotary Motion, Stainless Steel, Tandem Center Work Ports Blocked In Neutral



### 1 Spool 40 GPM Rotary Spool Marine Flow/Directional Control Valve



ITEM 905358  
**\$731.65**

• Brand new, BRAND HYDRAULICS model MDC16TM404HB directional control valve with rotary spool. Special Amerlock epoxy coating to inhibit rust. Stainless steel heat-treated spool. Combines a directional control valve, load-checks, full range pressure compensated by-pass flow control and pilot operated pressure relief valve. The manual rotary handle provides fine metering to either port.

#### SPECIFICATIONS

- Open Center
- Spools One
- Flow 40 GPM max.
- Relief Valve Adj to 1500-3000, preset @ 1500 PSI
- Pressure 3000 PSI max.
- In/Out Ports SAE 16
- Work Ports SAE 16
- Mount 3 holes thru body
- Size 12 7/8" x 5" x 4 1/8"
- Shpg. 20 lbs.

#### SPOOL DETAILS

- Spool 1 Double Acting, Rotary motion, Heat-Treated Stainless Steel

