



High Flow Bypass Valves for Plant Applications

APPLICATION:

Specifically designed for plant systems where maximum bypass flow is necessary to protect the pump from rapid pressure changes or over pressurization. Perfectly suited for 4" base mount pumps or larger pump applications.

FEATURES:

- Ductile iron body and bonnet construction
- All stainless steel internal wetted components
- Bonnet / seat positioned at 35° angle for maximum product flow
- Downstream bleed port to boost product flow during bypass
- Two 1/4" FNTP plugged auxiliary pressure ports
- Heavy duty protective stem cap
- Factory set at 100 PSI
- Durable powder coat finish

FLOW RANGE

Minimum and Maximum Flow Rating* - GPM (Water) @

Part No.	Pressure	Min. Flow (GPM/Water)	Max. Flow (GPM/Water)
ME840-24	125	451	1,038



Part No.	Description	Standard Spring Range*
ME840-24-100	3" FNPT High Flow Bypass Valve	50-100 PSI
ME840-24-200	3" FNPT High Flow Bypass Valve	100-200 PSI
ME840-24-3F-100	3" -300# Flanged High Flow Bypass Valve	50-100 PSI
ME840-24-3F-200	3" -300# Flanged High Flow Bypass Valve	100-200 PSI

* Alternate spring ranges available. Please see replacement parts section

Replacement Parts and Accessories

Part No.	Description
ME840-24K	3" Complete Bypass Repair Kit - Less Spring
ME840-24SRK	3" Bypass Seal Repair Kit
ME840-24-105-100	3P" Bypass Valve Spring 50-100 PSI
ME840-24-105-200	3" Bypass Valve Spring 100-200 PSI
ME840-24-105-75	3" Bypass Valve Spring 25-75 PSI
ME980SK-24	3"-300# Bypass Valve Flange Stud Kit
ME904S-3F-027	3"-300# Bypass Valve Spiral Ring Flange Gasket - Carbon Steel



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