



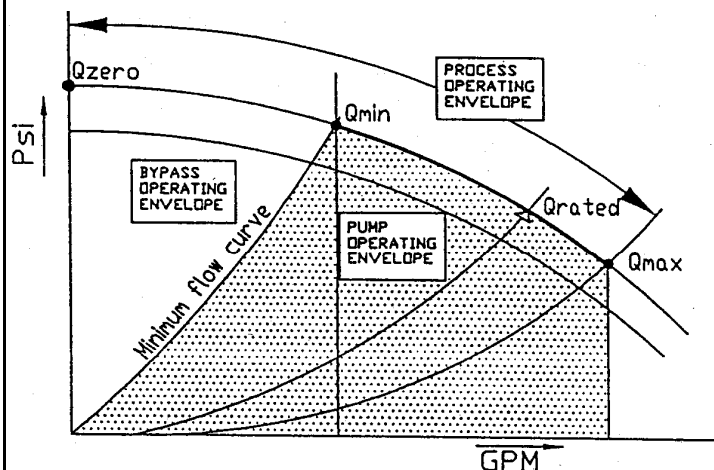
Specialty Valves

ATLANTIC GROUP, INC.

- ◆ AUTOMATIC RECIRCULATION VALVES
- ◆ BACK PRESSURE REGULATORS

COST EFFECTIVE *LOW FLOW* PUMP PROTECTION

Automatic Recirculation Valves assure safe pump operation in the complete "Process Operating Envelope."



"PROCESS OPERATING ENVELOPE" = the complete safe process operating area available for the process operation.

"PUMP OPERATING ENVELOPE" = the operating area where the Bypass is closed as process demand is Q_{min} or greater.

"BYPASS OPERATING ENVELOPE" = the operating area where the Process demand is balanced by the Bypass to Q_{min} . Bypass is partially open and balances the Process to the minimum flow (Q_{min}) as required for the pump.

The ARV combines:

- ◆ CHECK VALVE
- ◆ FLOW SENSING
- ◆ BYPASS CONTROL
- ◆ PRESSURE BREAKDOWN IN ONE VALVE BODY.

For additional information, contact:

ATLANTIC GROUP, INC.

P O Box 218630

Houston, TX 77218-8630

Phone 281-578-0366

Fax 281-578-0368

e-mail: info@agivalves.com

- ◆ SALES
- ◆ SERVICE
- ◆ SPARE PARTS
- ◆ REPAIRS