

Inquiry Specification

The Compensating Bypass Check Valve is a pump protection device. It automatically protects centrifugal pumps from damage which might occur through partial evaporation of the pump contents during low load operation. Every Compensating Bypass Check Valve is designed

particularly for the necessary pumps and plant data. Please transmit the following data for a particular valve design to:

H. Schroeder & Co. GmbH & Co. KG
Fax-Nr.: 02263 / 70 121
e-mail: info@schroeder-elbach.de



avoidance
of cavitation
damages in
pumps

improvement
of NPSH rates
of the plant

integrated
non-return
valve

lower plant
costs

favourable to
power balance
of plant

Company: _____ Project: _____

Name: _____ Quantity: _____

Tel.: _____ Inquiry-No.: _____

Fax: _____ Date: _____

1. Non return valve in the bypass branch * no yes

2. Installation * vertical horizontal

3. Variable Pump Speed* no yes

4. Medium * _____

5. Density * _____ [kg/m³]

6. Operating Temperature * _____ [°C] _____ [°F]

7. Standards * DIN ANSI Other: _____

8. Max. Capacity Q_{max} _____ [m³/h]

9. Design Capacity Q_{100%} * _____ [m³/h]

10. Total Head at Q_{100%} _____ [m]

11. Bypass Flow Q_{By} * _____ [m³/h]

12. Total Head at Q_{By} * _____ [m]

13. Pump inlet pressure * _____ [bar]

14. Back pressure on bypass branch _____ [bar]

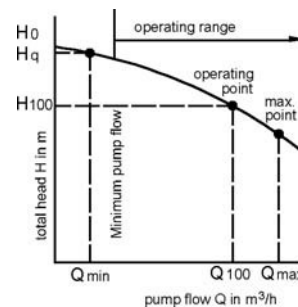
15. Valve pressure rating _____

16. Valve Flange size / rating inlet outlet bypass _____

17. Valve Flange sealing _____

18. Additional branch yes, function

19. Pump curve attached no yes



Remarks / Specifications / Documentation / Inspections etc.:

* requested design data