send an e-mail

Specification sheet

for designing butterfly valves

Project / Customer _____ Calculation number (GEMÜ) _____

Contact person _____ TAG no. (customer) _____

Phone _____ Date _____

E-mail _____

Technical requirements

Medium [1] _____

Requirement characteristic	1st operating point maximum flow		2nd operating point medium flow		3rd operating point minimum flow	
Media temperature [3]		°C		°C		°C
Inlet pressure		bar(g)		bar(g)		bar(g)
Outlet pressure		bar(g)		bar(g)		bar(g)
Flow rate [2]						
for liquids		m³/h		m³/h		m³/h
for gases [5]		Nm³/h		Nm³/h		Nm³/h
for steam		kg/h		kg/h		kg/h

Valve body / Actuator

Type			
Required valve DN			
Max. operating pressure (bar)		Under vacuum (mbar abs.)	
Ambient temperature [4]			
Max. media temperature			
Body version	◯ Wafer	◯ Lug	◯ U section
Connection / Standard / Code			
Body material			
Disc material			
Shaft material			
Liner seal material			
Control function	◯ NC (normally closed)	◯ NO (normally open)	◯ DA (double acting)
Control pressure			

Special function ATEX — Approval — Type of installation ◯ offshore ◯ indoor

Position indicator ◯ LSR ◯ LST ◯ LSF — Special type _____

Controller ◯ GEMÜ 1435 ◯ GEMÜ 1436 ◯ Special type _____

Pilot valve ☐ Namur flange — Voltage _____ — Special type _____

Nominal size _____

1) Liquid or gas?
For media other than water or air, it is useful to give data for the density and viscosity of the medium (with unit of measurement). Otherwise we will assume data for standard conditions.

2) For steam especially, the minimum or maximum flow rate should be assigned to the appropriate inlet or outlet pressure. The temperature of the medium should also be taken into account.

3) The media temperature range must be specified for steam and gas applications. T = 20 °C is assumed unless specified otherwise.

4) This data is not absolutely necessary. A room temperature of 20 °C is assumed unless specified otherwise.

5) Basis: standard conditions 0 °C, 1013.25 mbar.
If conditions differ, please specify them.

GEMÜ Gebr. Müller Apparatebau GmbH & Co. KG · Fritz-Müller-Str. 6-8 · D-74653 Ingelfingen-Criesbach · Phone +49(0)7940/123-0 · Fax +49(0)7940/123-224
info@gemue.de · www.gemu-group.com