

■ **Medium:**

**WHICH MEDIUM IS TO BE USED?**

It is imperative to specify exactly the intended medium! Specify the exact consistency of medium – gaseous, liquid, powdery or solid. Indicate in addition information on the abrasiveness and/or acidity of medium.

**PLEASE NOTE!** Enclose in “special cases”, whenever possible,

a product-specific data sheet stating the exact concentrations of each ingredient!

**CAUTION!** Please take necessarily into consideration all existing parameters when specifying the proper sealing material!

■ **Pressure:**

**WHICH PRESSURE RESISTANCE IS NEEDED?**

It is imperative to specify here the maximum pressure in bar applied in the process!

**CAUTION!** The maximum pressure can differ substantially from the continuously applied operating pressure.

**PLEASE NOTE!** Specific characteristics like overpressure and/or vacuum are to be stated in any case. Inform BURGMER in case of pressures over 6 bar, since the seal is to be glued in! However, this may lead to problems regarding the easy replacement of the seal – spare part.

■ **Temperature:**

**WHICH TEMPERATURE RESISTANCE IS NEEDED?**

It is imperative to specify here the minimum and maximum temperature applied in the process.

**PLEASE NOTE!**

Temperature peaks arising in the process – both in the sub-zero and the above-zero range – may differ also substantially from the standard temperature range defined in the process.

**Deployment site:**

**WHERE IS OUR PRODUCT TO BE USED/INSTALLED?**

It is imperative to specify here the exact use and deployment site intended for the BURGMER fitting.  
**PLEASE NOTE!** Make sure to indicate all specific conditions applying to the deployment site, such as installation guidelines and on site dimensional specifications (e.g. special coatings, shaft extensions, etc.)!  
**CAUTION!** Please specify any needs for type examinations, CE categories and/or ATEX zones!

**Actuation:**

**WHICH TYPE OF ACTUATION IS NEEDED?**

It is imperative to specify here the actuation type needed for the process (manual, pneumatic, electrical).  
**PLEASE NOTE!** When planning, take into consideration the necessary breakaway torques per version of valve – in relation to nominal size and pressure requirements.

**Quantity:**

**WHICH NUMBER OF UNITS PER YEAR IS PREDICTED?**

It is imperative to specify here – for reasons of material disposition as well as for assessing delivery times – as accurately as possible the number of units per version and year and the precise ordering cycles!  
**PLEASE NOTE!** BURGMER will not be able to ensure a precise statement on sale prices and delivery times if the information requested above is not provided.

**Product type:**

**110 BA**

**Feature:**

Pressure tight up to 6 bar  
optional Certificate DGRL 2014/68/EU  
Diameter DN 50 – DN 200  
Split shaft

**130-140-150 L-M-S**

Pressure tight up to 10 bar (depends on Diameter)  
optional Certificate DGRL 2014/68/EU  
optional ATEX Zone 0–2/20-22  
Diameter DN 50 – DN 350  
Split shaft

**120 N**

metallic sealing, product tight; not 100% tight  
Disk close to casing  
Diameter DN 50 – DN 350  
Continuous shaft

**210 DE**

Pressure tight up to 10 bar  
DIN EN 14432:2006  
Diameter DN 50 – DN 100  
Double eccentric stored, split shaft

**220 TFA**

Pressure tight up to 10 bar (depends on Diameter)  
PTFE 15% glass fibre share  
Certificated according to DIN EN 14432:2006  
Diameter DN 50 – DN 100  
Split shaft

**230 GKA**

Pressure tight up to 6 bar  
Certificated according to DIN EN 14432:2006  
Diameter DN 50 – DN 200  
Split shaft

**160 ES**

Disk valve  
Sealing MVQ  
Diameter DN 50  
Pipe thread according to DIN ISO 228-1

- 310 BV-B**

Bottom valve for bitumen  
Certificated according to DIN EN 14433:2006  
Diameter DN 100  
Temperature range – 20 °C up to + 250 °C
- 430 DBS**

Double gate slide valve  
Engineered for dosing bulks  
Diameter DN 80 – DN 300  
Blocking air logic
- 440 DBS-E**

Double gate slide valve with stainless steel flange insert  
Engineered for dosing bulks  
diameter DN 150 – DN 300  
Blocking air logic
- 420 F-EP U**

Single knife valve  
Product tight and pressure tight  
Blocking and Discharging bulks  
Diameter DN 150 – DN 500  
Blocking air logic
- 450 F-DK**

Flat slide valve  
Both sided pressure- / and vacuum tight  
Blocking and discharging von bulks, fluids and gases  
Diameter DN 150 – DN 800  
Blocking air logic
- FDA-Certificate**

EC-Declaration of compliance DIN EN 1935:2004 /  
FDA 177.2600  
**NOTE!** Based to sealing and disk
- Flange boring**

Usual standard boring for valves are PN6, PN10 and TW-Norm.  
**NOTE!** Customer-specific flange borings are to specify in advance absolutely.