# Questionnaire

Flap Shutter
Double Flap Sluice

Date: 02.10.2025
Z:\MBL\Mbl-AAA\02 KV

*Fill in the fields as necessary – please free to skip fields if not relevant/unknown.*

| | | | |
|---|---|---|---|
| Company: | | Date: | |
| Tel: | | Mail: | |
| Technical referee: | | Tel: | Mail: |
| Commercial referee: | | Tel: | Mail: |

| | | | | |
|---|---|---|---|---|
| Nominal Size DN [mm]: | | | Quantity [pcs]: | |
| Type: | ◯ Flap Shutter | | ◯ Double Flap Sluice | |
| Need: | ◯ non recurring | ◯ repeated | ◯ series | ◯ prototype |
| Description and application of plant: | | | | |
| | | | | |
| Apparatus above: | | | | |
| Apparatus below: | | | | |

| | | | | | |
|---|---|---|---|---|---|
| **Product designation:** | | | | | |
| Chemical formula: | | | | | |
| Bulk weight [kg/dm³]: | | | Grain size [mm]: | | |
| Temperature [°C]: | | | Moisture [%]: | | |
| Bulk material angle: | | | | | |
| Flow condition: | ◯ good | ◯ medium | ◯ bad | ◯ adhesive | |
| Characteristics: | ◯ abrasive | ◯ burnable | ◯ explosive | ◯ toxic | |
| Ambient gas: | ◯ burnable | ◯ toxic | Designation: | | |

| | | | | | |
|---|---|---|---|---|---|
| **Prozess parameters**: | | | | | |
| Conveying capacity | ◯ **m³/h** | ◯ t/h | ◯ dm³/s | ◯ kg/s | ◯ Other: |
| Conveying volume/cycle: | ◯ **dm³** | ◯ m³ | ◯ Other: | | |
| Cycle duration: | ◯ **sec** | ◯ min | ◯ Other: | | |

| | | | | |
|---|---|---|---|---|
| **Pressure specification** | ◯ **Differential pres.** | ◯ Absolute pres. | | |
| **Pres. unit** | ◯ **mbar** | ◯ bar | ◯ Pa | (1 bar = 100000 Pa) |
| Pres. above: | | | | |
| Pres. inside (DFS): | | | | |
| Pres. below: | | | | |

| | | | |
|---|---|---|---|
| Ambient conditions | Temperature [°C]: | Humidity [%]: | Install. location: |

| | | | | |
|---|---|---|---|---|
| **Requirements/Design** | | | | |
| Housing material: | ◯ Steel (galv.) | ◯ Stainl. steel (plain) | ◯ Other: | |
| Housing surface: | ◯ Standard | ◯ Powder-coated | ◯ Other: | |
| Seal material: | ◯ Silicone | ◯ PU | ◯ PTFE | |
| | ◯ Metallic | ◯ Other: | | |
| External tightness: | | | pressure drop/leakage rate: | |
| Seat tightness: | | | pressure drop/leakage rate: | |
| Bottom flange dimension: | | | | |
| Lining (inside): | ◯ yes/◯ no | Thickness [mm]: | Material: | |
| Isolierung (außen): | ◯ yes/◯ no | Thickness [mm]: | Material: | |
| Drive: | ◯ pneumatic | ◯ electric | ◯ hydraulic | ◯ Other: |
| Control voltage [V]: | ◯ AC/◯ DC | IP protection: | EX protection: | |
| Limit switch (inductive): | ◯ external | ◯ internal | ◯ Special request: | |
| Control system: | ◯ on site | ◯ by singold (please describe scope of supply in detail): | | |

Other:

**Drawings, sketches or images of existing plants are helpful**

singold gerätetechnik gmbh D-86830 Schwabmünchen

Tel: +49 (0) 8232 50386-0
Mail: info@singold-tech.de
Web: www.singold.tech