

Rotary feeder

**Company**

House No., street
City, State, ZIP code
Country

Point of contact

Given name, family name
Department
Telephone
Fax
E-mail

☐ Ms. ☐ Mr. Title

Request no/reference

► Product information

Designation

☐ Granular
☐ Powdery

☐ Coarse
☐ Pulverulent

☐ Other

Bulk weight

kg/dm³

Grain size

mm

Moisture

% H₂O

Temperature

°C

Product characteristics

☐ Abrasive
☐ Caking
☐ Bridge-forming
☐ Chemically aggressive
☐ Electrostatically chargeable

☐ Aliphatic
☐ Hygroscopic
☐ Sticky
☐ Pourable
☐ Torrential

☐ Viscous
☐ Dusty
☐ Toxic
☐ Other

► Is there material available for testing?

Material for testing

☐ Yes☐ No

Safety data sheet available

☐ Yes☐ No

Rotary feeder



► Information about the task

Quantity		
Assignment	<input type="radio"/> Discharging	<input type="radio"/> Allocate
Mode of operation	<input type="radio"/> Continuously	<input type="radio"/> Intermittently
Capacity		kg/h
Design	<input type="radio"/> Dust-proof	<input type="radio"/> Other _____
Operating pressure	<input type="radio"/> Differential pressure	<input type="radio"/> Unpressurized
	Pressure prior to the rotary feeder _____	mbar
	Pressure following the rotary feeder _____	mbar

► Set-up of the rotary feeder

☐ Underneath the silo
 ☐ In the clean room
 ☐ Other _____

► What is the procedure for the product in-feed and/or what elements are there upstream and downstream?

☐ Upstream _____

☐ Downstream _____

► Parts that come into contact with the product

Raw material	<input type="radio"/> Stainless steel	Designation: _____
	<input type="radio"/> Mild steel	Designation: _____
	<input type="radio"/> Other	Designation: _____
Surface treatment	<input type="radio"/> Sand blasted SA 2 ½	<input type="radio"/> Pickled and passivated
	<input type="radio"/> Glass bead blasted	<input type="radio"/> Electrolytically polished
	<input type="radio"/> Polished grain	<input type="radio"/> Coated _____
	Max. roughness depth _____ µm	<input type="radio"/> Other _____

► Parts that do not come into contact with the product

Raw material	<input type="radio"/> Stainless steel	Designation: _____
	<input type="radio"/> Mild steel	Designation: _____
	<input type="radio"/> Other	Designation: _____
Surface treatment	<input type="radio"/> Sand blasted SA 2 ½	<input type="radio"/> Pickled and passivated
	<input type="radio"/> Glass bead blasted	<input type="radio"/> Electrolytically polished
	<input type="radio"/> Polished grain	<input type="radio"/> Coated _____
	Max. roughness depth _____ µm	<input type="radio"/> Other _____

Rotary feeder



► 1. General

In which zone will the installation be deployed?

- ☐ Gas, vapor or mist ☐ dust

► continue to section 2

► continue to section 3

Note:

Our machines are designed for gas and dust Ex-Zones. A process-related intermixing of zones (hybrid mixture) causes deviations from the key explosion-relevant data (e.g. minimum ignition temperature, minimum ignition energy). This must be taken into consideration in the design of the machine. Should this be the case, please contact us.

► 2. Gas, vapor or mist

ATEX zone internal (product chamber)

- ☐ 2 ☐ 1 ☐ 0 ☐ none

ATEX zone external (installation site)

- ☐ 2 ☐ 1 ☐ none

Temperature class

- ☐ T1 ($\leq 450\text{ °C}$) ☐ T2 ($\leq 300\text{ °C}$) ☐ T3 ($\leq 200\text{ °C}$)
☐ T4 ($\leq 135\text{ °C}$) ☐ T5 ($\leq 100\text{ °C}$) ☐ T6 ($\leq 85\text{ °C}$)

Explosion group (applicable for gases, vapors, mists)

- ☐ IIA (e.g. propane) ☐ IIB (e.g. ethylene) ☐ IIC (e.g. hydrogen)

► 3. Dust

ATEX zone internal (product chamber)

- ☐ 22 ☐ 21 ☐ 20 ☐ none

ATEX zone external (installation site)

- ☐ 22 ☐ 21 ☐ none

Rotary feeder



Maximum permissible surface temperature (T)

_____ °C Optional: glow temperature _____ °C
 ignition temperature _____ °C

Explosion group (applies to dusts with a minimum ignition energy of > 3 mJ)

☐ IIIA (combustible lint and fibers) ☐ IIIB (non-conductive dust) ☐ IIIC (conductive dust)

► 4. Supplementary information regarding the drive

Motor ignition protection category (does not apply for vibration motors)

☐ Pressure resistant enclosure Ex d ☐ Increased safety Ex e

► Is the rotary feeder intended to be used as a protective system?

☐ Yes ☐ No

☐
☐

► What guidelines have to be considered when using materials with product contact?

☐ none ☐ EU2023/2006 ☐ EU1935/2004
☐ FDA ☐ EU10/2011 ☐ Other _____

► Control and power supply

If applicable/available:

Operating voltage _____ V
 Frequency _____ Hz

Voltage type Control ☐ IT network earthing system ☐ TN-S network

Voltage ☐ Alternating voltage ☐ Direct current
 _____ V

Auxiliary energy ☐ Compressed air _____ bar
☐ Nitrogen _____ bar

Type of protection IP _____

Other _____

Rotary feeder



- **Please describe your cleaning procedure** (e.g. frequency and duration of cleaning, cleaning agents used, temperature of cleaning medium, location of cleaning, etc.)

► **Notes**

► **Attachments**

► **Quotation submission by**

Info for using this request form:

You have the option of filling in the request form and sending it to us directly. To do this, you must first save the PDF to your computer and then open it with the Acrobat Reader as the typical web browser's PDF viewer does not support the functions required for filling in the form and sending it.

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