

Rotary feeder

**Company**

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

Point of contact

Given name, family name
Department
Telephone
Fax
E-mail

Request no/reference

Ms.

Mr.

Title

► Product information

Designation

Granular
Powdery

Coarse
Pulverulent

Other

Bulk weight

Grain size

Moisture

Temperature

kg/dm³

mm

% H₂O

°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	Discharging	Allocate
Mode of operation	Continuously	Intermittently
Capacity	_____	kg/h
Design	Dust-proof	Other _____
Operating pressure	Differential pressure	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	Stainless steel	Designation: _____
	Mild steel	Designation: _____
	Other	Designation: _____

Surface treatment	Sand blasted SA 2 ½	Pickled and passivated
	Glass bead blasted	Electrolytically polished
	Polished grain	Coated _____
	Max. roughness depth _____ µm	Other _____

► Parts that do not come into contact with the product

Raw material	Stainless steel	Designation: _____
	Mild steel	Designation: _____
	Other	Designation: _____

Surface treatment	Sand blasted SA 2 ½	Pickled and passivated
	Glass bead blasted	Electrolytically polished
	Polished grain	Coated _____
	Max. roughness depth _____ µm	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

In conveying direction

Opposite to the conveying direction

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

 none
 FDA

 EU2023/2006
 EU10/2011

 EU1935/2004
 Other _____

► Control and power supply

If applicable/available:

_____ V
 _____ Hz
 Operating voltage
 Frequency

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.

If you click on the "Send" button after opening and filling in the request form, your email program will be opened automatically and the document will be attached automatically.