

Company name

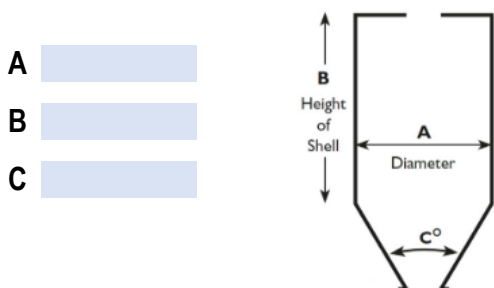
Address

Post/Zip Code  Telephone No.  Fax No.

Contact name  Position

Email

### 1. DIMENSIONS OF THE SILO/ HOPPER /BIN TO WHICH THE ROTOFLO IS TO BE FITTED



### 2. MATERIAL TO BE STORED

Materials Description/Name

Are there any product data sheets / particle size analysis etc.? Y  N  If yes, please include

Particle size (MESH)

Angle of repose  ° Bulk Density  kg/m<sup>3</sup>  lb/ft<sup>3</sup>

Moisture Content  % Fat/Oil Content  % Material Temperature  °C

Would particle breakdown be a problem? Y  N

Is the material....? Please  where applicable

- |  |                                    |                                       |   |
|--|------------------------------------|---------------------------------------|---|
| <input type="checkbox"/> Fine powder   | <input type="checkbox"/> Sticky    | <input type="checkbox"/> Toxic        | <input type="checkbox"/> Affected by static electricity |
| <input type="checkbox"/> Coarse powder | <input type="checkbox"/> Friable   | <input type="checkbox"/> Caustic      | <input type="checkbox"/> Affected by temperature change |
| <input type="checkbox"/> Granule       | <input type="checkbox"/> Dry       | <input type="checkbox"/> Free-Flowing |   |
| <input type="checkbox"/> Pellet        | <input type="checkbox"/> Damp      | <input type="checkbox"/> Hygroscopic  |   |
| <input type="checkbox"/> Flake         | <input type="checkbox"/> Corrosive | <input type="checkbox"/> Explosive    |   |
| <input type="checkbox"/> Dusty         | <input type="checkbox"/> Abrasive  | <input type="checkbox"/> Acidic       |   |

Does the material tend to....? Please  where applicable

- |                                   |                                  |   |                                   |
|-----------------------------------|----------------------------------|---|-----------------------------------|
| <input type="checkbox"/> Bridge   | <input type="checkbox"/> Compact | <input type="checkbox"/> Avalanche            | <input type="checkbox"/> Separate |
| <input type="checkbox"/> Rat hole | <input type="checkbox"/> Smear   | <input type="checkbox"/> Can it be fluidised? |                                   |

### 3. MATERIAL DISCHARGE DETAILS

Discharge rate required  Tonnes/hour  Fixed  Variable

If variable, please specify range

Will the feed be  Continuous

Intermittent

If intermittent, batch size  Number of batches/hour

What will the Rotoflo feed into?

Will there be any air leakage or condensation from the equipment downstream of the Rotoflo? Y  N

If yes, please give details

How is the material handled at present?

What difficulties exist with the current methods of handling?

### 4. CONSTRUCTION REQUIREMENTS

Mild steel - standard finish  Stainless Steel

Stainless steel - contact parts  GR304 SS

Food grade seals and lubricants  GR316 SS

#### Motor Specification

Standard  Special Details

#### Hazardous Environment

Y  N  ATEX / IECEx Zone

Number of outlets required (maximum of 4), please

1  2  3  4

| Rotoflo | A (mm) | B (mm) | C (mm) | Through-put*             |
|---------|--------|--------|--------|--------------------------|
| LP 1200 | 1200   | 200    | 250    | 1.5 – 60m <sup>3</sup>   |
| LP 1500 | 1500   | 250    | 300    | 2.4 – 80 m <sup>3</sup>  |
| LP 1800 | 1800   | 300    | 350    | 4.8 - 120 m <sup>3</sup> |
| LP 2400 | 2400   | 350    | 450    | 8 - 160 m <sup>3</sup>   |

\*Low speed gearbox option or frequency inverter can be used to achieve lower throughputs

