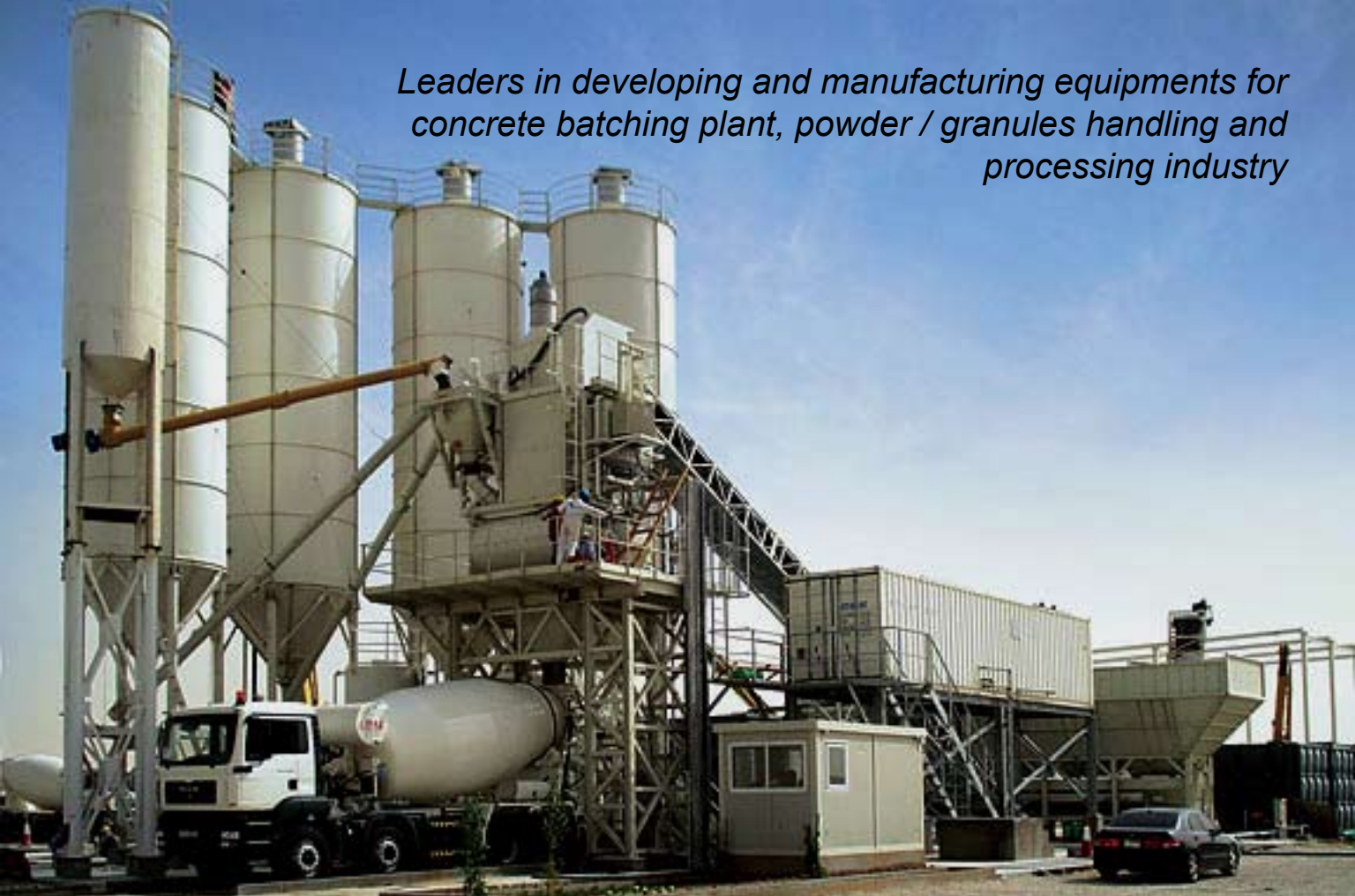


*Leaders in developing and manufacturing equipments for
concrete batching plant, powder / granules handling and
processing industry*



PRODUCT CATALOGUE

- *Screw Conveyors*
- *Dust Collectors*
- *Butterfly valves*
- *Pressure Relief valves*
- *Vibrating Bin Aerator Pads*



IVA Bulk Handling Equipments Pvt. Ltd.

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CSF Type Tubular Screw Feeders

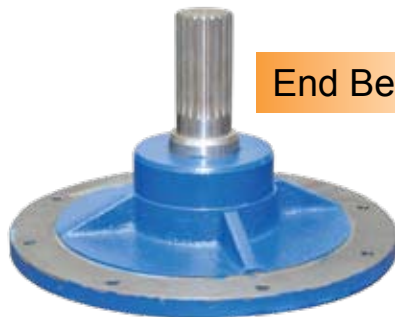
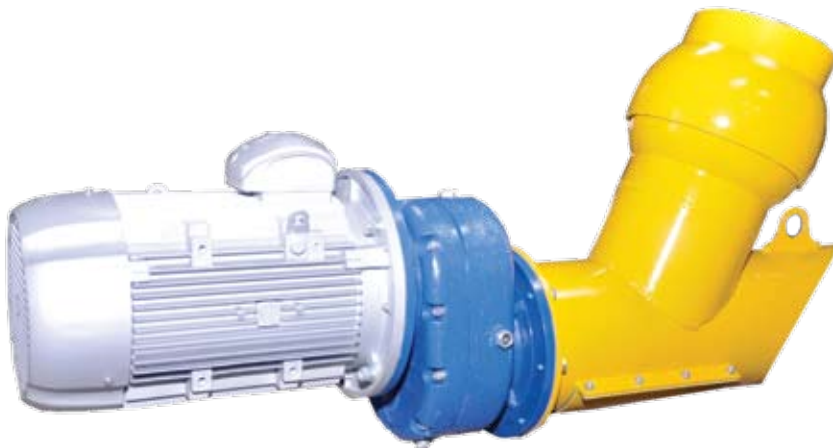
For Dry Powder Handling



We design and manufacture Screws Feeders for handling Cement, Flyash & Dry powder.

Features -

- External tubular body with ball & socket type inlet spout and outlet spout. This type of spout allows a choice of angles from 0° to 45°.
- Continuous flights welded onto the internal rotating pipe.
- Aluminium die casting hanger bearing with special type of hardened rings.
- End bearings with appropriate seals.
- Direct mounted Gearbox with appropriate seals.
- Length as per your requirement



End Bearing

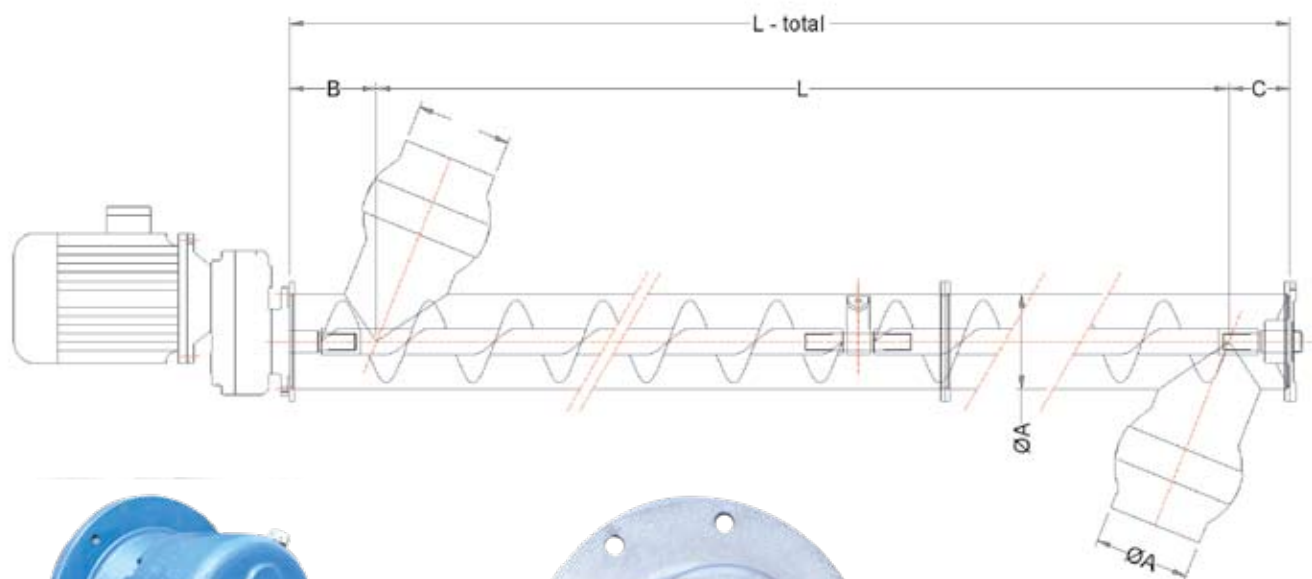


Hanger Bearing for cement



Hanger Bearing for Flyash

Type	ØA	B	C	L	L - total
CSF168	168	185	165	On demand	L+B+C
CSF193	193	200	180		
CSF219	219	200	180		
CSF273	273	235	215		



Gear Box



Sealing unit

CSF Type Tubular Screw Feeders
For Dry Powder Handling

Dust Collector



RJG Dust Collector



VG Dust Collector



VT Dust Collector



RJT Dust Collector



These types of filters have a cylindrically shaped body which can be fitted on to the top of Silos as well as ground mounted with electric blower and collecting hopper. We have designed these types of filters for capacity of 24 sqm filtering area. Dust is separated from air flow by POLYPLEAT round type filter elements. These types of filters have become world's favourite solution for Bin and Silo venting.

Product Range

VT - Dust Collector is fitted on top of the silo where cleaning of filter element is by Vibratory motor.

RJT - Dust Collector is fitted on top of the silo where cleaning of filter element is by compressed reverse air jet.

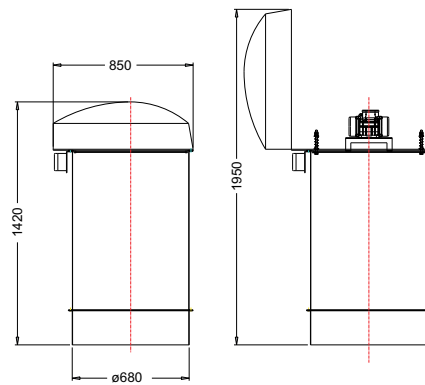
RJG - Dust Collector is fitted on ground with Electric Blower & collecting Hopper, where Hopper is connected to silo by piping. Cleaning of filter element is by compressed reverse air jet.

VG - Dust Collector is fitted on ground with Electric Blower & collecting Hopper, where Hopper is connected to silo by piping. Cleaning of filter element is by Vibratory motor.

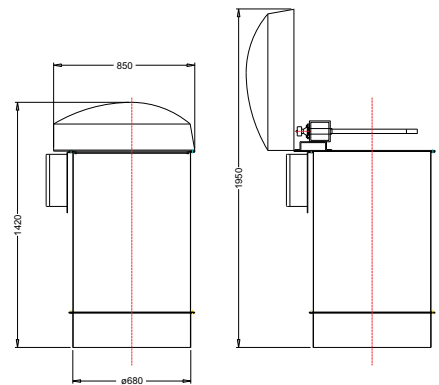
These filters are designed specifically for Cement, Fly ash and dry powders.

Features of IVA design Dust collectors

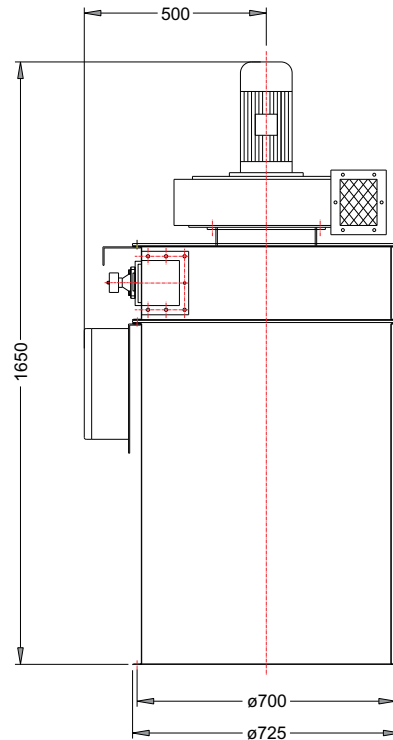
- Weather protection fibre cover with Hinges and self locking when open with air spring.
- Robust Stainless steel Body (SS304) with Bottom flange and powder coated carbon steel bottom ring for welding on silo.
- Ex-stock delivery.



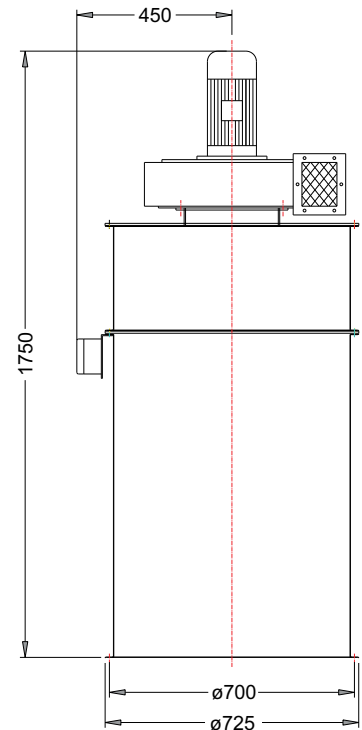
VT Dust Collector



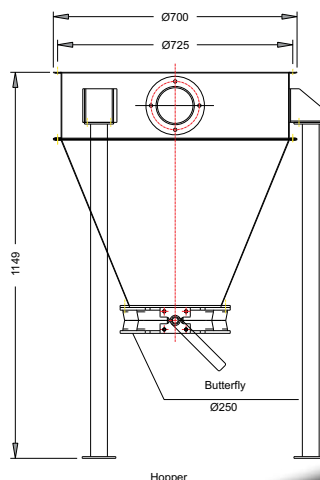
RJT Dust Collector



RJG Dust Collector



VG Dust Collector



Hopper

Dust Collector

VAF Type Butterfly Valves With Pneumatic & Manual Lever Actuators



Aluminium die casting bodies,
Aluminium die casting disc and
NBR type rubber seal.

Double identical flange type
butterfly valve

Top flange and Bottom flange
suitable for flexible sleeve type
arrangement

Can be fitted with pneumatic
actuators and manual lever type
actuators

Used in all types of powder
and granules processing plants
below the silo, bins, hoppers,
screw conveyors for material
isolation.

Code	øA	øB	øC	D	E	Fig.
VAF - 100	100	180	220	200	235	1
VAF - 150	150	200	228	234	269	1
VAF - 250	250	300	328	334	369	2
VAF - 300	300	350	378	384	419	2

Features of IVA designed Butterfly valves

- Lightweight and very easy to handle.
- Easy to fit and quick maintenance.
- Ex- stock delivery

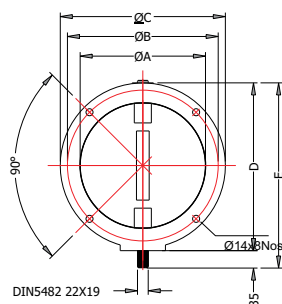


Fig. 1

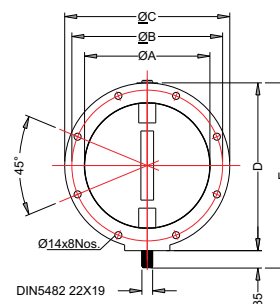
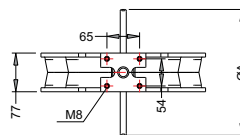
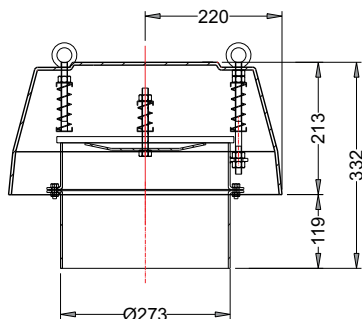
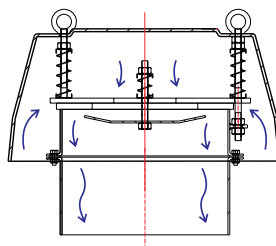


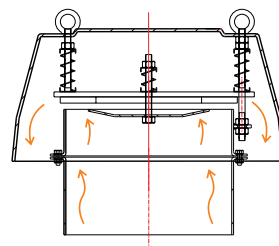
Fig. 2



Negative Pressure



Positive Pressure



IVA designed Pressure relief valve is manufactured in carbon steel and is powder coated. The pressure is controlled with the help of specially designed galvanised springs. The top cover is manufactured in fibre. The valve is flanged type.

Pressure relief valve is used on top of Silos, bins and hoppers

- To Control positive pressure from 0.1 bar to 0.5 bar
- To control negative pressures from 0.002 bar to 0.012 bar

Features of IVA designed valves

- Lightweight and very easy to handle.
- Easy to fit and quick maintenance.
- Ex- stock delivery



The Vibrating Bin Aerator Pad solves even the most difficult material flow problems by combining aeration with vibration. The rubber pad creates an aggressive vibration on the vessel wall as the result of airflow. Vibration is very effective to enhance flow for all types of dry bulk materials.



VBAO - Vibrating Bin Aerator Pad mounted from outside of the silo



VBAI - Vibrating Bin Aerator Pad mounted from Inside of the silo

**PRV Type
Pressure Relief Valve
Vibrating Bin Aerator Pad**

- ***Uncompromising dedication to Research & Development***
- ***Highly rationalized and cost-effective CAD/CAM-supported production techniques and logistics***
- ***A strong focus on quality and continuous investments in latest manufacturing technology and product development.***



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