

Oswal High Efficiency Rotary Air Lock

Product Range: 150mm dia to 2000 mm dia

Special Features:

- We have specially developed high efficiency Rotary Air Lock (RAL) for various applications, which ensures sealing effect radially as well as axially.
- Our RAL is equipped with scrapping arrangement between rotor body and side covers, which ensures no jamming and trouble free operation.
- Our RAL is equipped with adjustable plates and is supported by the spring plates, which ensures trouble free running in the event of any trap material.

Applications:

- Below Cyclone Separators
- Below Dust Collectors
- Below ESP & GCT Hoppers
- In the Inlet Feed Chutes of Vertical Raw Mill & Vertical Coal Mill
- In the Cyclone Separators
- Kiln Feed Arrangements & Coal Feed Arrangements

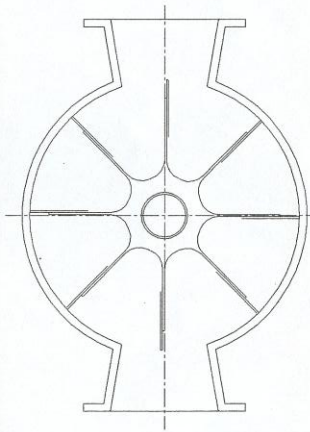
Advantages:

- It reduces false air
- It reduces power consumption of fan
- It improves separation efficiency
- It reduces recirculation of fine materials, thereby improve the efficiency of dust collectors, ESPs & Cyclones
- It improves the venting effect of dedusting points
- It improves the life of dust collector bags
- It improves the life of ESP internals
- It improves the wear on cyclones
- It reduces the wear on fan and ducts due to reduced recirculation.

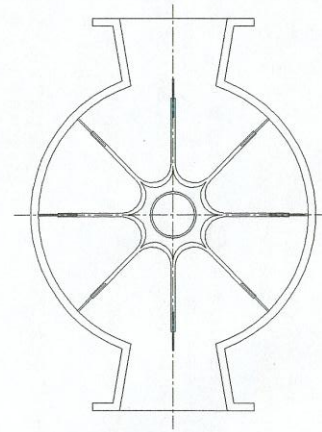
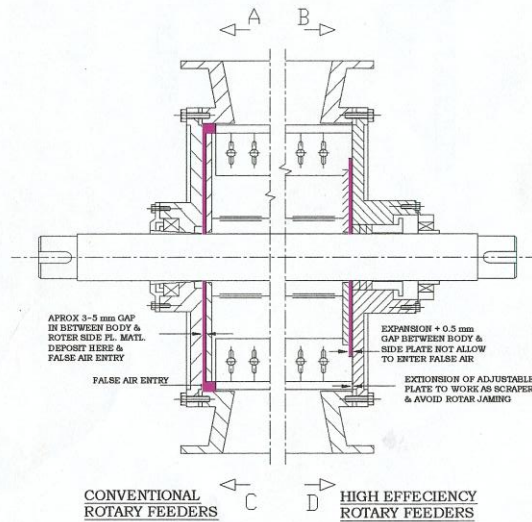
QUESTIONNAIRE FOR HIGH EFFICIENCY ROTARY AIR LOCK

1	Material / Rated Capacity (T.P.H)	
2	Temperature of Material	
3	Moisture	
4	Density of Material	
5	Sieve Analysis - Residue on 45micron - Residue on 90micron - Residue on 212micron -	
6	Application - Cyclone, Dust Collector, E.S.P, Multicyclone, Coal Feeder, Coal Mill Feed, Raw Miull Feed, Cement MillSeperator etc. -	
7	Pressure Before and After rotary air lock (mmwg)	
8	RPM required (10-30)	
9	G.A of Application place, Flange Details	
10	Name And Address of The Organisation	
11	Name Of Contact Person	

Date: _____



VIEW - AC



VIEW - BD
HIGH EFFECIENCY

BENIFITS OF THE ROTARY FEEDERS :-

- 1:- LESS FAN WEAR
- 2:- D.C. & CYC. COLLECTION EFF. IMPROVE
- 3:- FAN EFFE. IMPROVE

APPLICATION:-

- 1:- BELOW DUST COLLECTORS
- 2:- BELOW ALL TYPE CYCLONES
 - (A) R.M. CYCLONE
 - (B) SEP. CYCLONE
 - (C) PRE, HEATERCYCLONE ON FEEDING KILN FEED
- 3:- PRE. COLLECTORS
- 4:- ON E.S.P.

DRAWN		SUJAN	TITEL:- HIGH EFFECIENCY ROTARY FEEDER (WITH
CHECKED			
APPROVED			
DATE		26-11-01	
SCALE		N.T.S.	
DRG. NO. MISC. - 008			REV.

Oswal Engineer's
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BLUAINAGAR, DIST. AJMER (RAJ.)