

# BACKWARD CURVED SISW CENTRIFUGAL FANS

## BSZ Series - Belt Driven



SAGAR AIR PVT. LTD.

Product Coding :

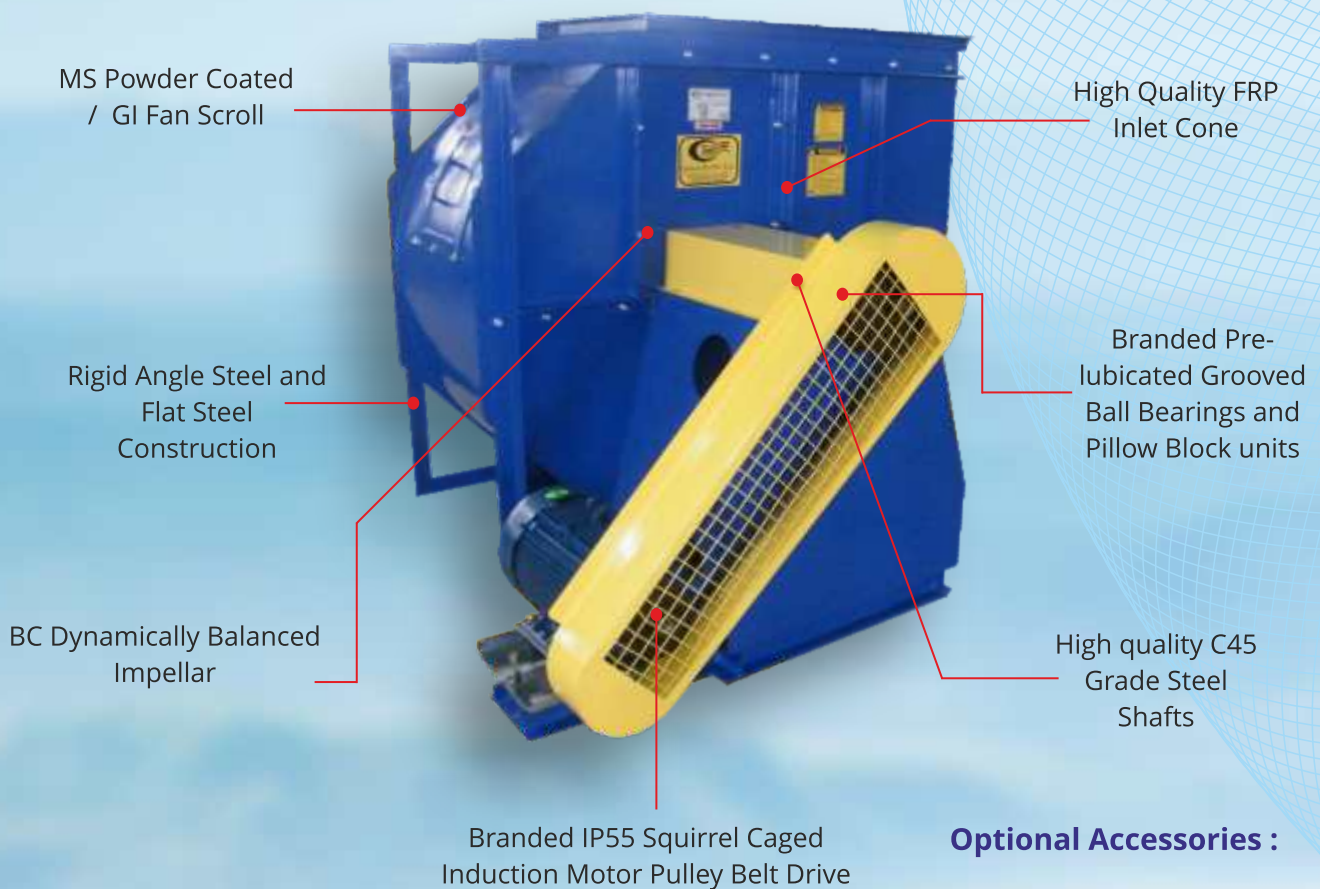
**BSZ - 630 - BD**

SAGAR AIR Single Inlet  
Backward Curved  
Centrifugal Fan series

Fan  
diameter  
( mm )

Type of Arrangement :

BD - Belt-Driven  
DD - Direct-Driven



### Optional Accessories :

- Casing Drain
- Outlet and Inlet Flanges
- Guards
- Silencers
- Inspection Doors

**Rigid Construction**

**High Operational Performance**

**Sophisticated Design**

**Low and Inexpensive Maintenance**

**Superior Dynamic Balancing**

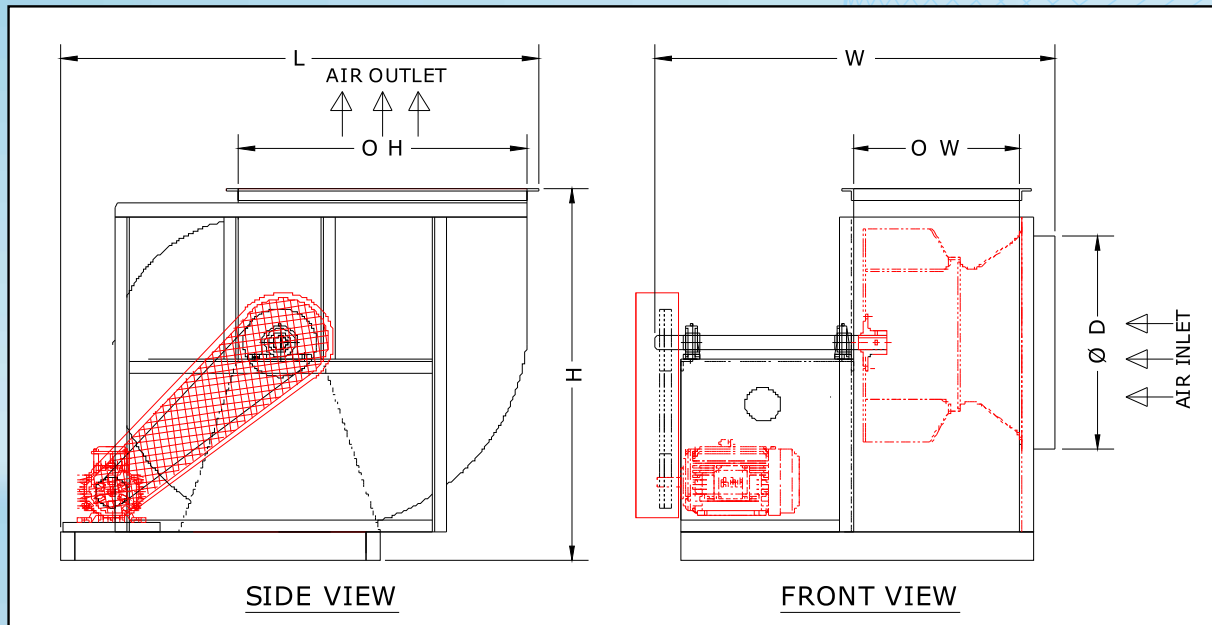
**Low Operating Noise and Vibration**

### Applications :

- Ventilation - Exhaust / Supply
- Cement Industries
- Kitchens, Restaurants and Hotels
- Paint Industries
- Chemical Formulations and many more....

# Technical Specs : Belt-Driven

## Top Discharge



Fan Model	Air Volume		Overall Dimensions mm			OV (m/s)	Fan Opening	Air Inlet	TYPICAL OPERATING POINT		
									MOTOR KW		
	CFM	CMH	L	W	H				OWxOH	D	50
BSZ - 355	2000	3400	1000	800	700	9.1	262x452	355	1.1	1.5	2.2
BSZ - 400	2500	4250	1050	800	750	9.1	292x505	400	1.1	1.5	2.2
BSZ - 450	3000	5100	1100	900	850	8.6	328x567	450	1.5	2.2	2.2
BSZ - 500	4000	6800	1200	950	900	9.2	500 x 500	500	1.5	2.2	3.7
BSZ - 560	5000	8500	1300	1150	1050	9.1	560 x 560	560	2.2	3.7	5.5
BSZ - 630	6000	10200	1400	1200	1150	8.8	630 x 630	630	3.7	3.7	5.5
BSZ - 710	8000	13600	1600	1300	1300	9.3	710 x 710	710	3.7	5.5	5.5
BSZ - 800	10000	17000	1700	1400	1400	9.2	800 x 800	800	5.5	5.5	7.5
BSZ - 900	13000	22100	1900	1600	1550	9.2	900 x 900	900	5.5	7.5	11
BSZ - 1000	16000	27200	2100	1750	1700	9.3	1000 x 1000	1000	7.5	8.8	13

➤ Casing :Galvanized Iron fan casing for sizes upto BSZ-560 , MS Welded Construction above sizes above .

➤ Motor System : Equipped with Highly efficient and powerful Belt Driven Foot Mount motor of high quality which provides reliable air delivery at nominal maintenance costs. The motor is Squirrel caged induction motor with Class F insulation.



**Address:** Plot No.96-97, IDA Uppal, Hyderabad - 500039, Telangana, INDIA.  
**Tel:** 040-27201792 **Fax:** +91-40-27204837  
**Mail:** sagarair@gmail.com, info@sagarair.com  
**Web:** www.sagarair.com