

## **TUBE AXIAL FLOW FANS** (Direct Driven, Short & Long Cased)

**DXS Series**



Glass Reinforced Nylon Blade



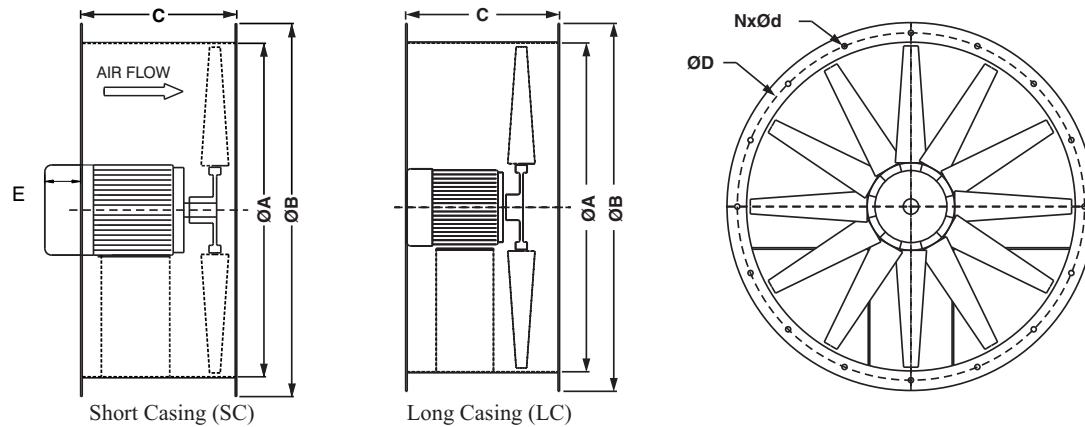
Pressure Die Cast Aluminum Blade

### **Blowtech's *High Performance Tube Axial Fans* feature :**

- High Efficiency Low Noise Impeller with *aerofoil profiled blades* made from light weight Glass Filled Nylon (PAG) or Pressure Die Cast Aluminum Alloy.
- A specially designed central hub permits different no. of blades and adjustable blade pitch angle and thus a wide range of performance for a given size and fan speed.
- The casing is made from heavy gauge mild steel and is epoxy powder coated for long life.
- The motor mounting arrangement in the casing uses an innovative design permitting height adjustment and installation of motors of different rating required for a given duty.
- Precisely circular casing allows minimum blade tip clearance for optimum performance.
- Totally enclosed fan cooled Class 'F' motor with minimum IP55 protection.
- Different combinations of blade dia., no. of blades, adjustable blade pitch angle and motor RPM allow fan selection in **direct drive** configuration for virtually any duty point, thus leading to a **very cost effective solution for applications requiring expulsion of large volumes of air.**

# BLOWTECH TUBE AXIAL FLOW FANS

## Dimensions (mm) - DXS Series



Model	A	B	C		D	N	d
			SC	LC			
315	315	365	200	350	340	8	10
355	355	405	200	400	380	8	10
400	400	450	200	400	425	12	10
450	450	510	250	450	480	12	10
500	500	560	250	450	530	12	12
560	560	620	300	450	590	12	12
630	630	700	300	450	665	12	12
710	710	780	300	600	745	16	12
800	800	880	400	600	840	16	12
900	900	980	400	600	940	16	15
1000	1000	1080	400	800	1040	16	15
1120	1120	1200	500	800	1160	20	15
1250	1250	1330	500	800	1290	20	15

## Normal Performance Range

Model	2800 RPM		1400 RPM		900 RPM	
	Max Ps (mm)	CFM*	Max Ps (mm)	CFM*	Max Ps (mm)	CFM*
315	30	800 - 2000				
355	40	1200 - 2500				
400	50	1600 - 3200	12	1200 - 2500		
450	60	2000 - 4000	15	1500 - 3500		
500	75	2500 - 2500	20	2000 - 4000	7	2000 - 3500
560	100	3500 - 6200	25	3000 - 4000	9	3000 - 5000
630			30	4500 - 8000	12	4000 - 7000
710			38	6000 - 10000	15	5000 - 10000
800			45	8000 - 13000	18	6000 - 13000
900			55	10000 - 16000	22	8000 - 16000
1000			70	12000 - 20000	28	10000 - 20000
1120			90	15000 - 25000	38	12000 - 25000
1250			100	20000 - 32000	40	15000 - 32000

\* The CFM capacity is generally much higher than the upper limit of the range which has been determined by an outlet velocity limit of about 12m/s.

## BLOWTECH AIR DEVICES PVT. LTD.

(An ISO 9001-2000 Certified Company)

A-15, Sector-65, Noida (U.P.), India

Tel. ++91-120-4229300 (4 Lines) Fax ++91-120-4229309

e-mail : [blowtech@airtelmail.in](mailto:blowtech@airtelmail.in) web : [www.blowtechair.com](http://www.blowtechair.com)

