

The AXB series of bifurcated fans are designed to handle heated air, hot gases, dust-laden atmosphere and corrosive fumes. Maximum conveyed air temperature is 150°C. The bifurcated fan range from 305mm to 1220mm diameter. The motor is completely isolated from the air-flow which increases its durability and reduces maintenance.

Motor

Motors are totally enclosed fan cooled sq. cage induction type in accordance to IP54 designation. Standard insulation is class "F" and are of foot mounted type. Standard voltage is 3P/415V/50Hz AC operation with D.O.L. starting up to 3 Kw and Star-Delta starting for motors above 3 Kw. Class "H" insulation motors are available upon request.

Impeller

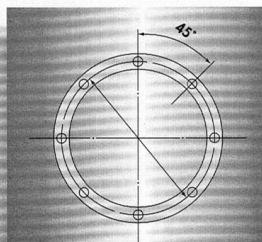
The impeller and hub are of airfoil shaped and are of die-casted alluminium alloy for high durability and consistency in strength. The blade pitch angle shall be individually adjustable with pitch angles varying from 8° to 32° in 4° steps

Casing

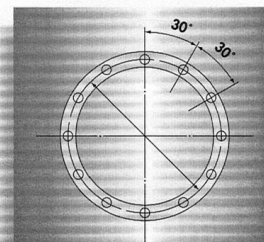
Choice of coating for casing available are :

- a) Powder epoxy coated - for non-corrosive atmosphere.
- b) Hot Dipped Galvanized - for heavy duty usage and protection against rough conditions or weather.
- a) Spray painted - for general purpose

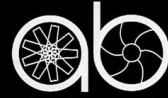
Flange Drillings



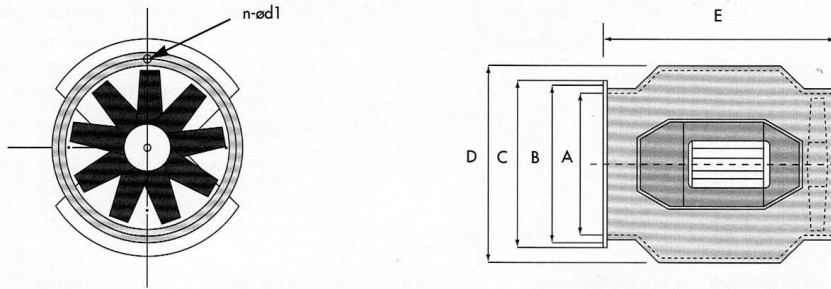
AXB-12 AXB-15 AXB-19



AXB-24 AXB-30



Dimension



(mm)

MODEL NO.	FRAME NO.	OUTPUT (kw) 2P	OUTPUT (kw) 4P	NUMBERS OF BLADE	A	B	C	D	E	n-ød	WEIGHT (Kgf)	
AXB-12	71	0.37	0.5	0.37	7	310	350	390	450	535	8-10.5	40
AXB-15	71	-	0.37	0.37	7	390	430	470	570	625	8-10.5	42
	80	0.75	1.1	1.1	7	390	430	470	570	625	8-10.5	45
	90L	2.2	-	-	7	390	430	470	570	625	8-10.5	47
AXB-19	71	-	0.37	0.37	7	490	530	570	685	710	8-13	57
	80	-	0.75	0.75	7	490	530	570	685	710	8-13	60
	90S	1.5	-	-	7	490	530	570	685	710	8-13	65
	90L	2.2	-	-	7	490	530	570	685	710	8-13	67
	112M	3.7	-	-	7	490	530	570	685	710	8-13	75
AXB-24	80	-	0.75	0.75	9	615	665	715	800	790	12-13	80
	90S	-	1.1	1.1	9	615	665	715	800	790	12-13	85
	90L	-	1.5	1.5	9	615	665	715	800	790	12-13	87
AXB-30	80	0.37	0.5	0.37	7	770	820	870	960	820	12-13	120
	90S	0.37	0.5	0.37	7	770	820	870	960	820	12-13	125