MODEL **AXITUB 4-500T 34 CL**

PRODUCT DESCRIPTION

Tubular cased axial fan, NOVOVENT brand JET PIROS series, model AXITUB 4-500T 34.
Aluminium impellers, fitted with M.N.S. And S.N.C. Galvanized metal sheet frame. With inspection door on long cased units. Standard airfow: Motor to impeller.
Three phase motor IP55, electrical isolation class F.

Installation type	CIRCULAR DUCT FAN	Specifications	STANDARD APPLICATION

PRODUCT TECHNICAL DETAILS

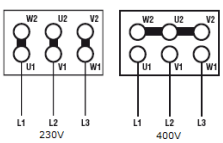
Max Airflow	5.024,36	m3/h
Max St Pressure	258,75	Pa
Diameter	500	mm
Hub	170,00	
Hub ratio	0,304	
Pitch angle	34	º
Blade number	10	
Ballancing	Q2.5 DYNAMICALLY	
Impeller material	.	
Casing material	DX51D-Z	

D125/2009 ECODESIGN VALUES, ACCORDING TO D327/2011, AT IT'S MAXIMUM EFFICIENCY POINT

Airflow	1,00	m3/s
Pressure	123,25	Pa
Electrical Power	340,49	W
η fan	36,13	%
η TARGET 2015	30,72	%
N'	43,74	
N	40,00	
C.M.	A	
C.E.	STATIC	
S.R.	1,00	
V.S.D.	NO	

MOTOR TECHNICAL INFORMATION

Mechanical Power	0,37	kW
Voltage	230/400V/~III/50Hz	
Rated voltage	230/400	V
Pole	4	
Rated speed	1438	rpm
Rated current	1,04/1,08	A
Rated torque	2,59	Nm
Breakdown torque	6,47	Nm
Locked rotor torque	6,47	Nm
Locked/nom. current	4,20	A
L/R amperes	0	A
No load current	0	A
Design	N	
Insulation class	F	
Service factor	1,00	
Duty cycle	S1	
Max ambient temp	45,00	ºC
Max altitude	1.000,00	m
Motor size	71	
Motor shaft	14	mm
Efficiency	79,30	%
High Efficiency - IE2		



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PRODUCT DUTY POINT

Temperature	20	ºC
Height over sea level	0	m
Air density	1,2046	kg/m3
Airflow	5.024,36	m3/h
Static Pressure	44,30	Pa
Dynamic Pressure	30,43	Pa
Total Pressure	74,73	Pa
Shaft Power	257,31	W
MAX Thrust	11,95	N
Sound Power Level	86,5	db(A)
Sound Pressure Level at 3m	69,0	db(A)

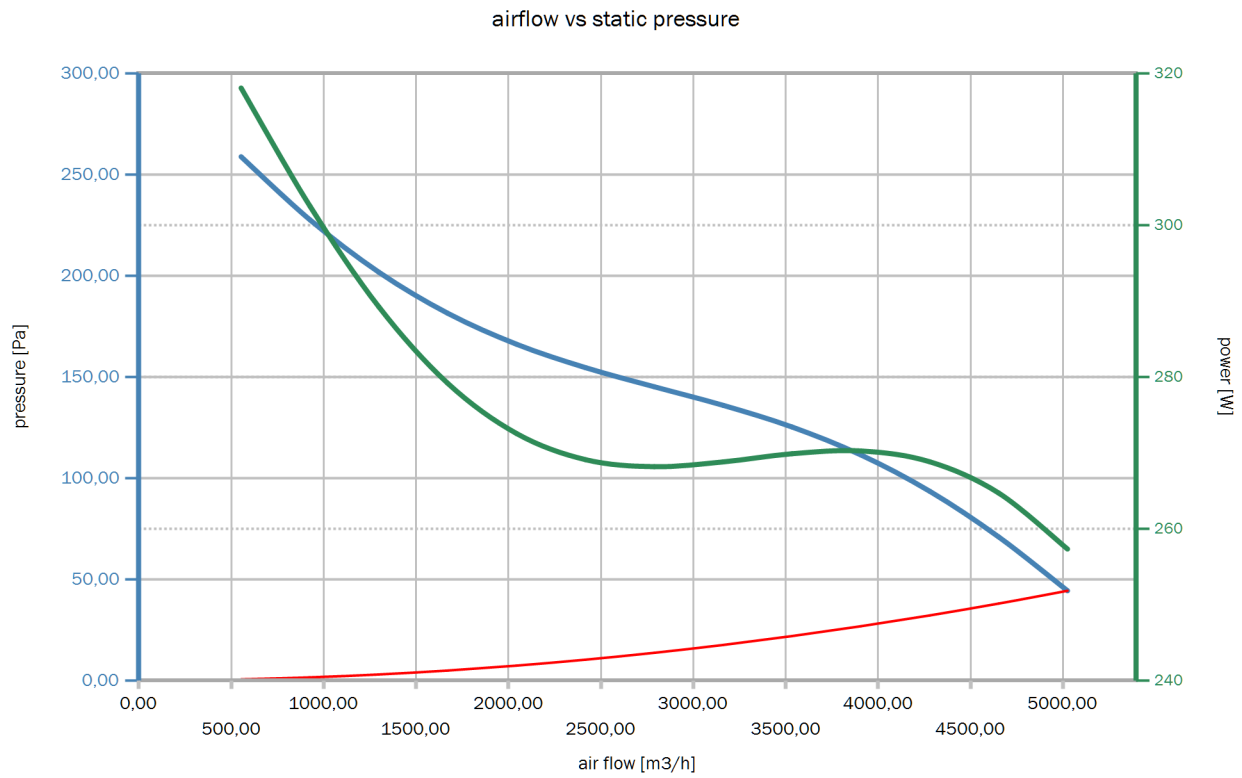
TECHNICAL REQUIRED SPECIFICATIONS

Temperature	20	ºC
Height over sea level	0	m
Air density	1,2046	kg/m3
Airflow	5.024,36	m3/h
Pressure	44,30	Pa

	octave band (Hz)							
	63	125	250	500	1000	2000	4000	8000
	65,4	77,1	82,1	80,9	78,4	74,7	67,8	61,7
	47,8	59,6	64,6	63,4	60,9	57,2	50,3	44,2

PRODUCT CHART

Air density 1.2046 kg/m3



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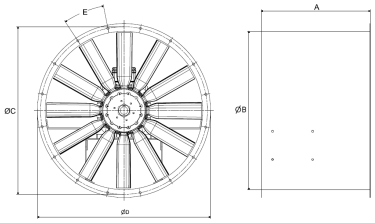
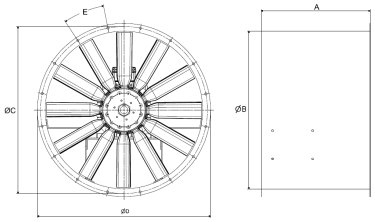
PRODUCT DIMENSIONS



A	B	C	D	E
400	510	552	588	13x30
F	G	H	I	J
0	0	0	0	0
K	L	M	N	
0	0	0	0	

PRODUCT DIMENSIONS



A	B	C	D	E
225	510	552	588	13x30
F	G	H	I	J
420	0	0	0	0
K	L	M	N	
0	0	0	0	

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