

MODEL **AXITUB 4-500T 24 CL**
PRODUCT DESCRIPTION

Tubular cased axial fan, NOVOVENT brand JET PIROS series, model AXITUB 4-500T 24.

Aluminium impellers, fitted with M.N.S. And S.N.C. Galvanized metal sheet frame. With inspection door on long cased units. Standard airflow: Motor to impeller.

Three phase motor IP55, electrical isolation class F.



Installation type CIRCULAR DUCT FAN

Specifications

STANDARD APPLICATION

PRODUCT TECHNICAL DETAILS

Max Airflow	3.544,54 m ³ /h
Max St Pressure	222,40 Pa
Diameter	500 mm
Hub	170,00
Hub ratio	0,304
Pitch angle	24 °
Blade number	10
Ballancing	Q2.5 DYNAMICALLY
Impeller material	.
Casing material	DX51D-Z

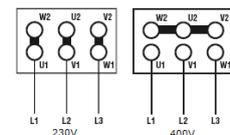
D125/2009 ECODESIGN VALUES, ACCORDING TO D327/2011, AT ITS MAXIMUM EFFICIENCY POINT

Airflow	0,63 m ³ /s
Pressure	105,09 Pa
Electrical Power	183,89 W
η fan	35,83 %
η TARGET 2015	29,03 %
N'	44,17
N	40,00
C.M.	A
C.E.	STATIC
S.R.	1,00
V.S.D.	NO

MOTOR TECHNICAL INFORMATION

Mechanical Power	0,25 kW
Voltage	230/400V/~III/50Hz
Rated voltage	230/400 V
Pole	4
Rated speed	1430 rpm
Rated current	0,65/0,719 A
Rated torque	1,76 Nm
Breakdown torque	3,86 Nm
Locked rotor torque	3,69 Nm
Locked/nom. current	4,00 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 °C
Max altitude	1.000,00 m
Motor size	71
Motor shaft	14 mm
Efficiency	77,40 %

High Efficiency - IE2



PRODUCT DUTY POINT

Temperature	20 °C
Height over sea level	0 m
Air density	1,2046 kg/m3
Airflow	3.544,54 m3/h
Static Pressure	1,32 Pa
Dynamic Pressure	15,14 Pa
Total Pressure	16,47 Pa
Shaft Power	116,66 W

TECHNICAL REQUIRED SPECIFICATIONS

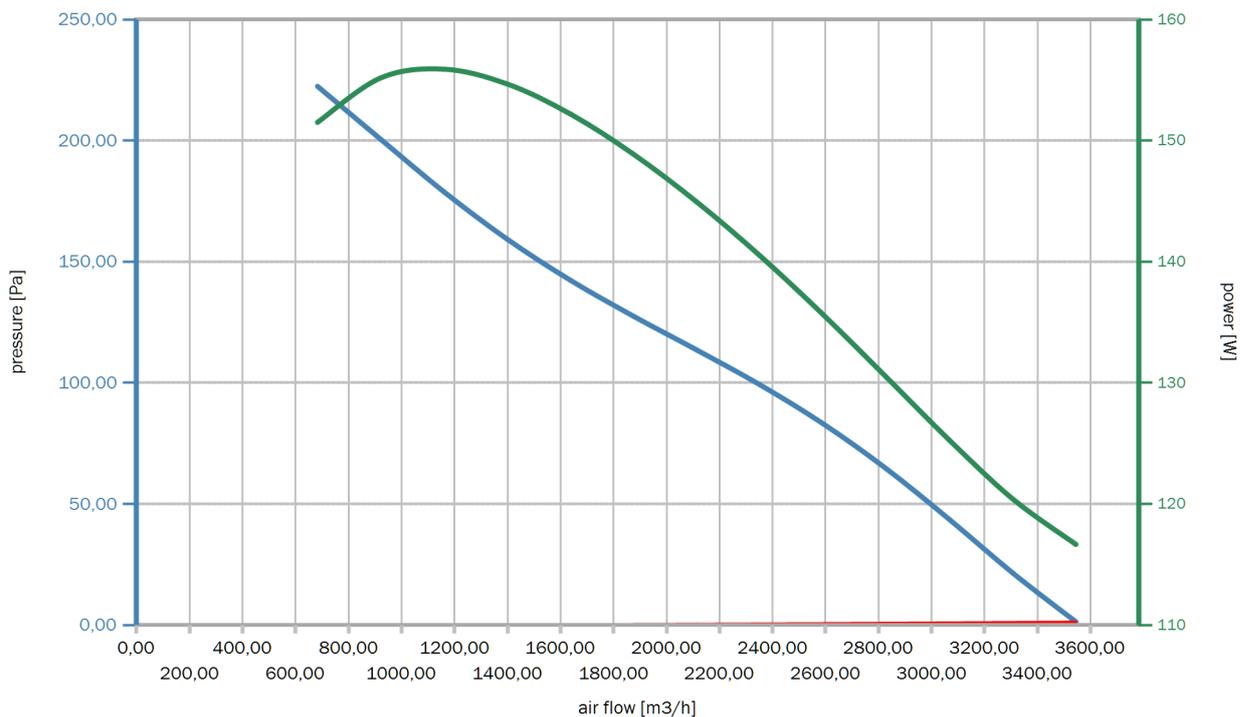
Temperature	20 °C
Height over sea level	0 m
Air density	1,2046 kg/m3
Airflow	3.544,54 m3/h
Pressure	1,32 Pa
	octave band (Hz)

MAX Thrust	5,95 N	63	125	250	500	1000	2000	4000	8000
Sound Power Level	86,7 db(A)	65,5	77,3	82,2	81,1	78,6	74,9	68,0	61,9
Sound Pressure Level at 3m	69,1 db(A)	48,0	59,8	64,7	63,6	61,1	57,3	50,5	44,3

PRODUCT CHART

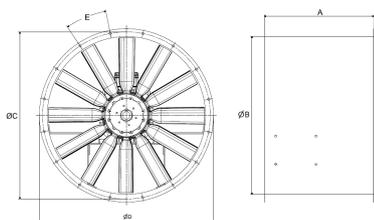
Air density 1.2046 kg/m3

airflow vs static pressure



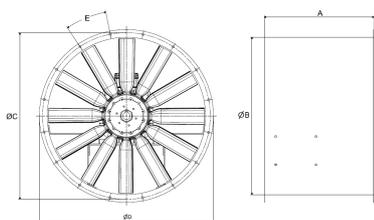
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PRODUCT DIMENSIONS



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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