

Plug fan ZAbluefin

ER111

Motor ZAmotpremium IE3



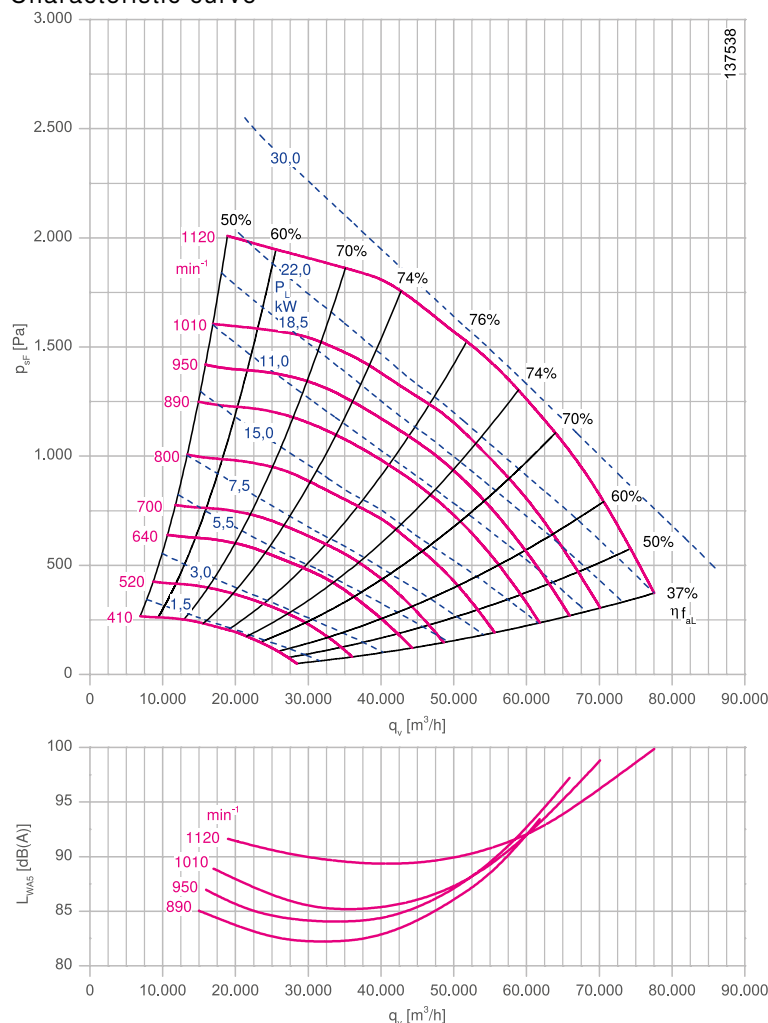
Description

Plug fan with high performance centrifugal impeller
Impeller made of bright sheet metal powder-coated according to resistance class 1 RAL 5002 (ultramarine blue)
Inlet nozzle with measuring device for air flow measurement
Fitting position H
Rated voltage U: 3~ 400 V
Rated frequency f: 50 Hz
Motor protection: PTC resistor
Degree of protection : IP55
Thermal class: THCL155
Min. permitted ambient temperature: -20 °C
Max. permitted ambient temperature: 40 °C
Conformity: ErP 2015, CE, EAC

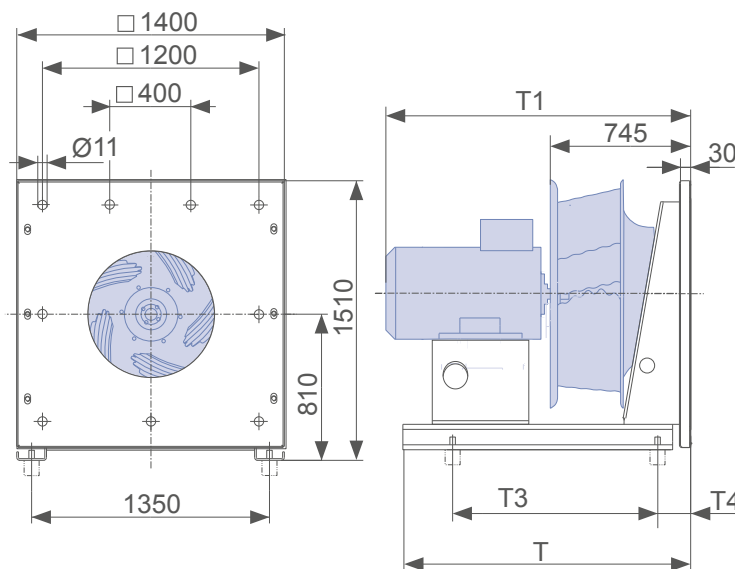
Nozzle coefficients

Standard k	1250
With guard grille k _g	1200

Characteristic curve



Dimensions mm



L-KL-3637-K-03



ZAbbluefin-ZAmotpremium IE3										
Rated power P_N kW	Type	Article no.	Motor size	Motor efficiency η_{mot} %	Rated current I_N A	Rated speed n_N rpm	Maximum speed n_{max} rpm	Maximum frequency f_{max} Hz	Efficiency η_{statA} %	Efficiency grade N_{actual}^*
15.00	ER11I-8DN.N7.1R	115984/0141	200L	89.6	33.50	730	890	61	69.8	69.3
18.50	ER11I-8DN.P7.1R	115985/0141	225S/M	90.1	39.50	732	950	65	70.2	69.5
22.00	ER11I-6DN.N7.1R	115986/0141	200L	92.2	43.00	978	1010	52	71.8	71.0
30.00	ER11I-6DN.R7.1R	115987/0141	225M/S	92.9	56.00	982	1120	57	72.4	71.2

* ErP 2015 Target N=62 | expected limit for ErP 2020 N=64

P_N kW	Type	Weight kg	T mm	T1 mm	T3 mm	T4 mm	Flexible inlet connector	Guard grille	Vibration damper		Frequency inverters 3~
									Spring	Rubber	
15.00	ER11I-8DN.N7.1R	606.00	1380	1441	1210	130	00403352	00411650	02006452	02000407	308327
18.50	ER11I-8DN.P7.1R	631.00	1380	1441	1210	130	00403352	00411650	02006452	02000407	308329
22.00	ER11I-6DN.N7.1R	581.00	1380	1429	1210	130	00403352	00411650	02006452	02019767	308329
30.00	ER11I-6DN.R7.1R	676.00	1380	1503	1210	130	00403352	00411650	02006453	02019767	308331