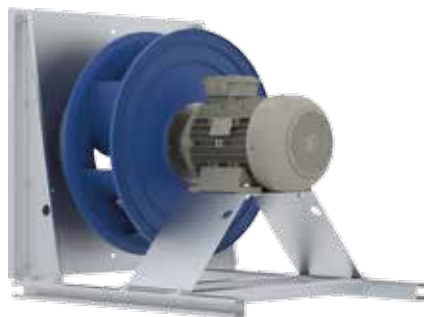


Plug fan Cpro

ER25Cpro

Motor ZAmotpremium IE2 and IE3



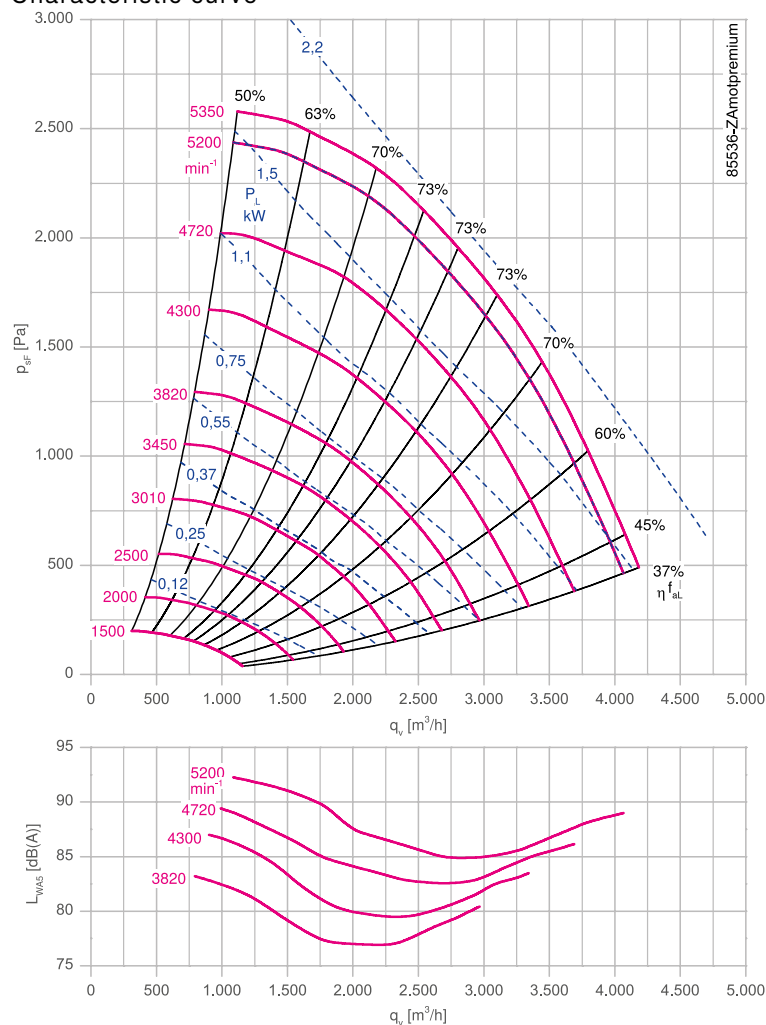
Description

Plug fan with high performance centrifugal impeller
Impeller made of ZAmid unpainted like 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

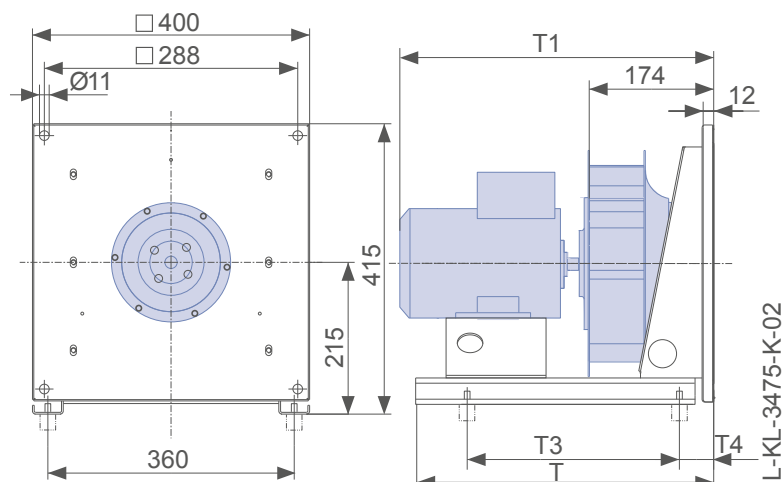
Nozzle coefficients

Standard k	60
With guard grille k_g	58

Characteristic curve



Dimensions mm



Cpro-ZAmotpremium IE2

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}^*
0.75	ER25C-2DN.B7.CR	130609/2101	080M	77.4	1.70	2805	3810	68	57.9	68.4
1.1	ER25C-2DN.B7.CR	130610/2101	080M	79.6	2.40	2830	4300	76	59.5	68.5
1.5	ER25C-2DN.C7.CR	130611/2101	090S/L	81.3	3.20	2880	4720	82	60.8	68.6
2.2	ER25C-2DN.D7.CR	130612/2101	090L/S	83.2	4.40	2880	5180	90	62.2	68.9

* 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	
0.75	ER25C-2DN.B7.CR	20.00	460	451	315	60	00403346	00411642	02021196	00090144	308228
1.1	ER25C-2DN.B7.CR	22.00	460	451	368	60	00403346	00411642	02021196	00090144	308228
1.5	ER25C-2DN.C7.CR	26.00	460	480	365	68	00403346	00411642	02021196	00090144	308230
2.2	ER25C-2DN.D7.CR	26.00	460	496	364	60	00403346	00411642	02021197	00090144	308232

Cpro-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}^*
0.75	ER25C-2DN.B7.CR	130609/2141	080M	80.7	1.56	2850	3820	67	60.4	71.1
1.1	ER25C-2DN.B7.CR	130610/2141	080M	82.7	2.20	2885	4270	74	61.9	71.2
1.5	ER25C-2DN.C7.CR	130611/2141	090S/L	84.2	3.00	2910	4710	81	63.0	71.0
2.2	ER25C-2DN.D7.CR	130612/2141	090L/S	85.9	4.20	2910	5200	89	64.2	71.0

* 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	
0.75	ER25C-2DN.B7.CR	22.00	460	451	364	60	00403346	00411642	02021196	00090144	308228
1.1	ER25C-2DN.B7.CR	23.00	460	486	364	60	00403346	00411642	02021196	00090144	308228
1.5	ER25C-2DN.C7.CR	26.00	460	496	364	60	00403346	00411642	02021196	00090144	308230
2.2	ER25C-2DN.D7.CR	30.00	460	521	364	60	00403346	00411642	02021197	00090144	308232