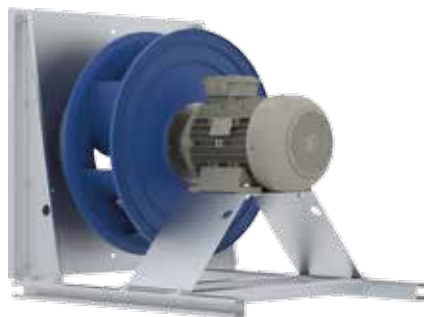


Plug fan Cpro

ER35Cpro

Motor ZAmotpremium IE2 and IE3



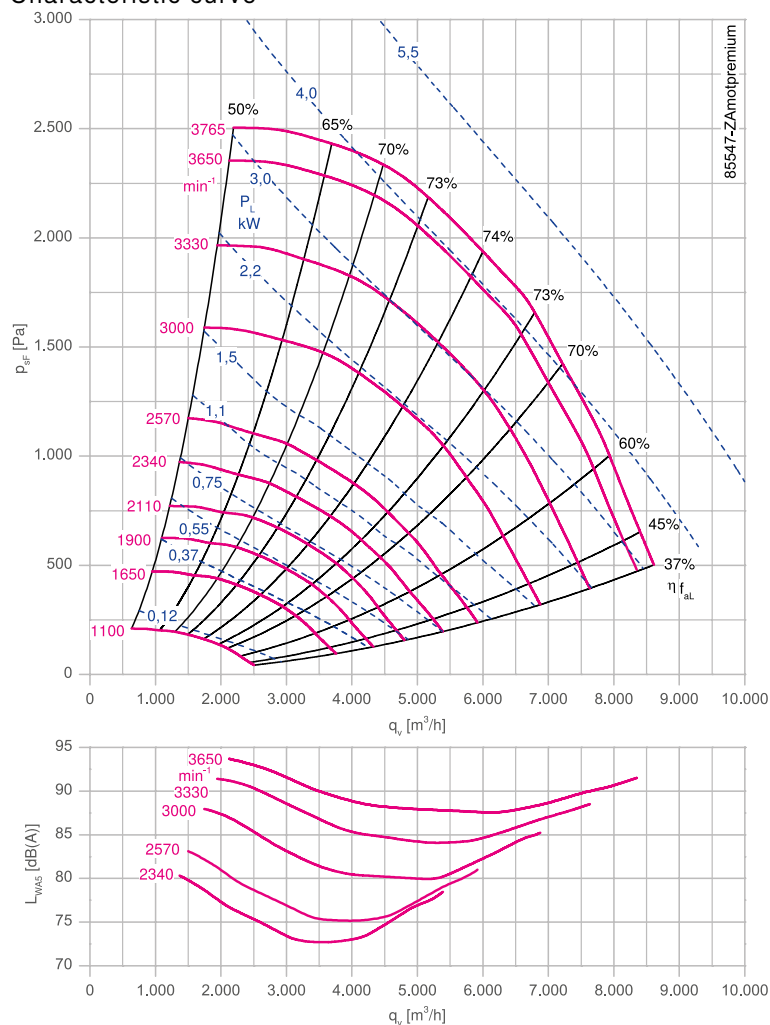
Description

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

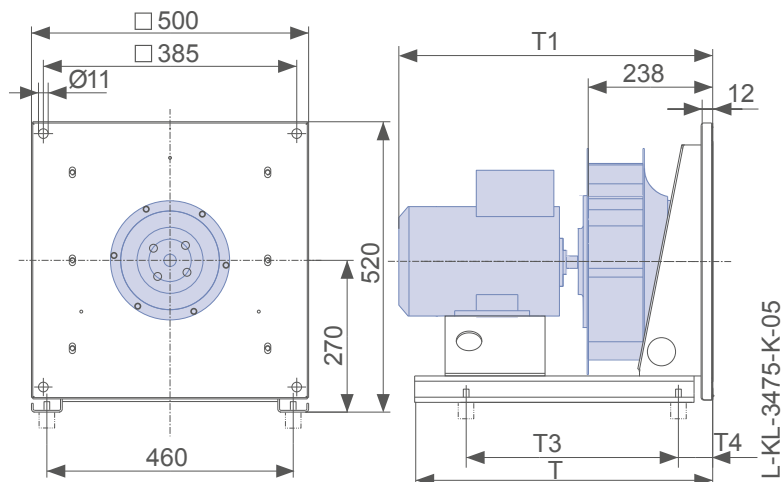
Nozzle coefficients

Standard k	121
With guard grille k _g	116

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}^*
1.1	ER35C-4DN.C7.CR	131399/2101	090S/L	81.4	2.50	1425	2340	82	61.8	71.2
1.5	ER35C-4DN.D7.CR	130595/2101	090L/S	82.8	3.30	1435	2550	89	62.9	71.2
2.2	ER35C-2DN.D7.CR	130596/2101	090L/S	83.2	4.40	2880	3000	52	63.2	69.3
3.00	ER35C-2DN.E7.CR	130597/2101	100L	84.6	6.10	2905	3310	56	64.3	69.1
4.00	ER35C-2DN.F7.CR	130598/2101	112M	85.8	7.90	2945	3650	62	65.2	68.7

* 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	
1.1	ER35C-4DN.C7.CR	30.00	570	556	315	115	00406514	00411571	02021197	00090144	308228
1.5	ER35C-4DN.D7.CR	33.00	570	556	315	115	00406514	00411571	02021197	00090144	308230
2.2	ER35C-2DN.D7.CR	32.00	570	556	315	115	00406514	00411571	02021198	00090144	308232
3.00	ER35C-2DN.E7.CR	39.00	570	595	444	99	00406514	00411571	02021198	00090144	308234
4.00	ER35C-2DN.F7.CR	45.00	570	588	429	114	00406514	00411571	02021198	00090144	308236

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}^*
1.1	ER35C-4DN.C7.CR	131399/2141	090S/L	84.1	2.40	1440	2330	81	63.9	73.5
1.5	ER35C-4DN.D7.CR	130595/2141	090L/S	85.3	3.20	1445	2570	89	64.9	73.2
2.2	ER35C-2DN.D7.CR	130596/2141	090L/S	85.9	4.20	2910	2980	51	65.3	71.6
3.00	ER35C-2DN.E7.CR	130597/2141	100L	87.1	5.60	2920	3330	57	66.2	71.1
4.00	ER35C-2DN.F7.CR	130598/2141	112M	88.1	7.30	2945	3650	62	67.0	70.6

* 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	
1.1	ER35C-4DN.C7.CR	33.00	570	556	312	115	00406514	00411571	02021197	00090144	308228
1.5	ER35C-4DN.D7.CR	36.00	570	581	364	115	00406514	00411571	02021197	00090144	308230
2.2	ER35C-2DN.D7.CR	36.00	570	581	364	115	00406514	00411571	02021198	00090144	308232
3.00	ER35C-2DN.E7.CR	44.00	570	630	417	115	00406514	00411571	02021198	00090144	308234
4.00	ER35C-2DN.F7.CR	52.00	570	613	417	115	00406514	00411571	02021198	00090144	308236