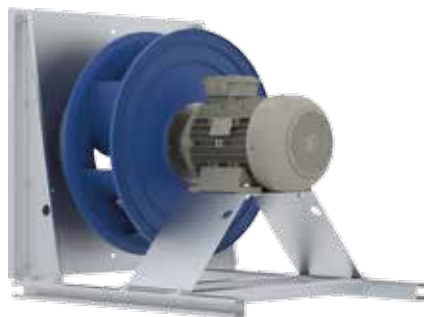


Plug fan Cpro

ER40Cpro

Motor ZAmotpremium IE2 and IE3



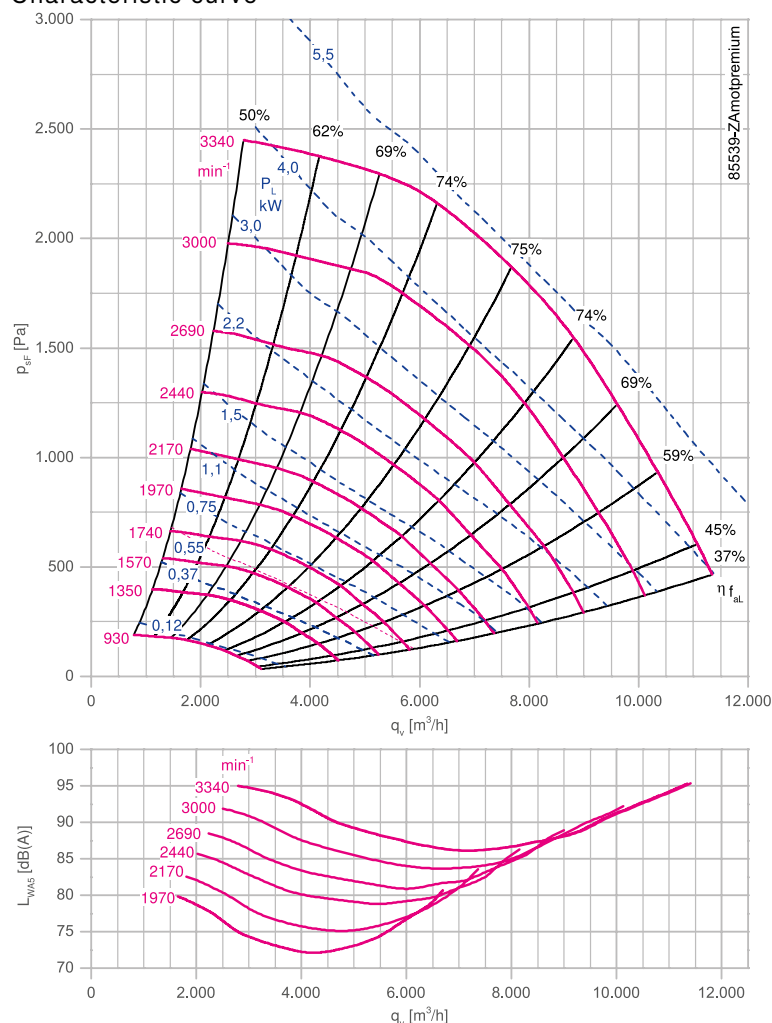
Description

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

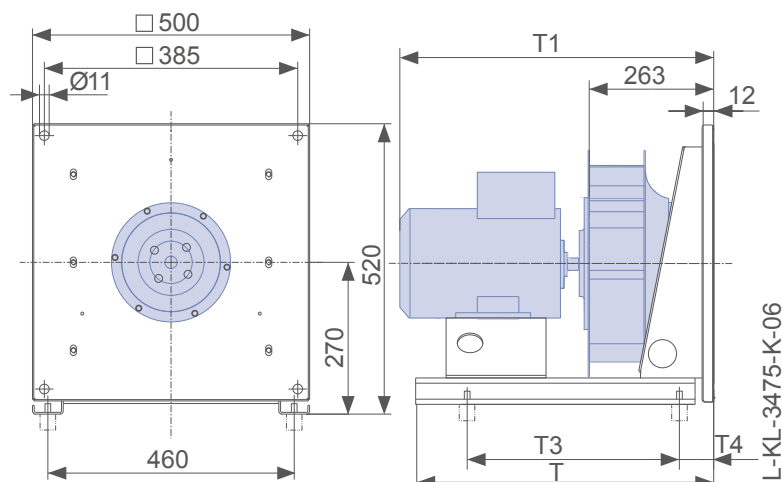
Nozzle coefficients

Standard k	154
With guard grille k _g	148

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	ER40C-4DN.C7.CR	130589/2101	090S/L	81.4	2.50	1425	1970	69	62.6	71.7
1.5	ER40C-4DN.D7.CR	130590/2101	090L/S	82.8	3.30	1435	2150	75	63.6	71.6
2.2	ER40C-4DN.E7.CR	130591/2101	100L	84.3	4.60	1455	2440	84	64.8	71.1
3.00	ER40C-4DN.E7.CR	130592/2101	100L	85.5	6.20	1455	2680	92	65.7	70.8
4.00	ER40C-2DN.F7.CR	130593/2101	112M	85.8	7.90	2945	3000	50	66.0	69.6
5.5	ER40C-2DN.G7.CR	130594/2101	132S/M	87.0	10.40	2950	3340	57	66.9	69.1

* 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	ER40C-4DN.C7.CR	32.00	570	583	315	115	00406514	00411572	02021197	00090144	308228
1.5	ER40C-4DN.D7.CR	35.00	570	583	368	115	00406514	00411572	02021197	00090144	308230
2.2	ER40C-4DN.E7.CR	41.00	570	622	416	127	00406514	00411572	02021197	00090144	308232
3.00	ER40C-4DN.E7.CR	45.00	570	622	396	147	00406514	00411572	02021198	00090144	308234
4.00	ER40C-2DN.F7.CR	48.00	720	602	520	70	00406514	00411572	02021198	00090144	308236
5.5	ER40C-2DN.G7.CR	63.00	720	663	578	71	00406514	00411572	02021198	00090144	308265

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	ER40C-4DN.C7.CR	130589/2141	090S/L	84.1	2.40	1440	1960	68	64.7	74.0
1.5	ER40C-4DN.D7.CR	130590/2141	090L/S	85.3	3.20	1445	2170	75	65.6	73.6
2.2	ER40C-4DN.E7.CR	130591/2141	100L	86.7	4.40	1465	2430	83	66.6	73.1
3.00	ER40C-4DN.E7.CR	130592/2141	100L	87.7	5.90	1460	2690	92	67.4	72.6
4.00	ER40C-2DN.F7.CR	130593/2141	112M	88.1	7.30	2945	3000	50	67.7	71.4
5.5	ER40C-2DN.G7.CR	130594/2141	132S/M	89.2	9.90	2950	3340	57	68.6	70.9

* 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	
1.1	ER40C-4DN.C7.CR	35.00	570	583	364	115	00406514	00411572	02021197	00090144	308228
1.5	ER40C-4DN.D7.CR	38.00	570	608	364	115	00406514	00411572	02021197	00090144	308230
2.2	ER40C-4DN.E7.CR	50.00	570	622	417	115	00406514	00411572	02021197	00090144	308232
3.00	ER40C-4DN.E7.CR	50.00	570	657	417	115	00406514	00411572	02021198	00090144	308234
4.00	ER40C-2DN.F7.CR	55.00	720	640	465	115	00406514	00411572	02021198	00090144	308236
5.5	ER40C-2DN.G7.CR	65.90	720	676	518	115	00406514	00411572	02021198	00090144	308265