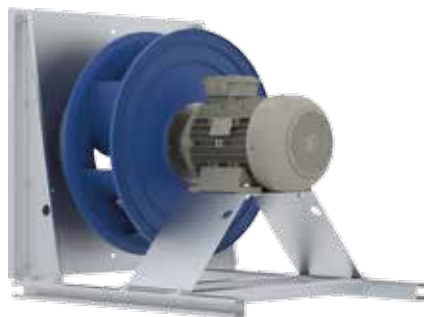


Plug fan Cpro

ER28Cpro

Motor ZAmotpremium IE2 and IE3



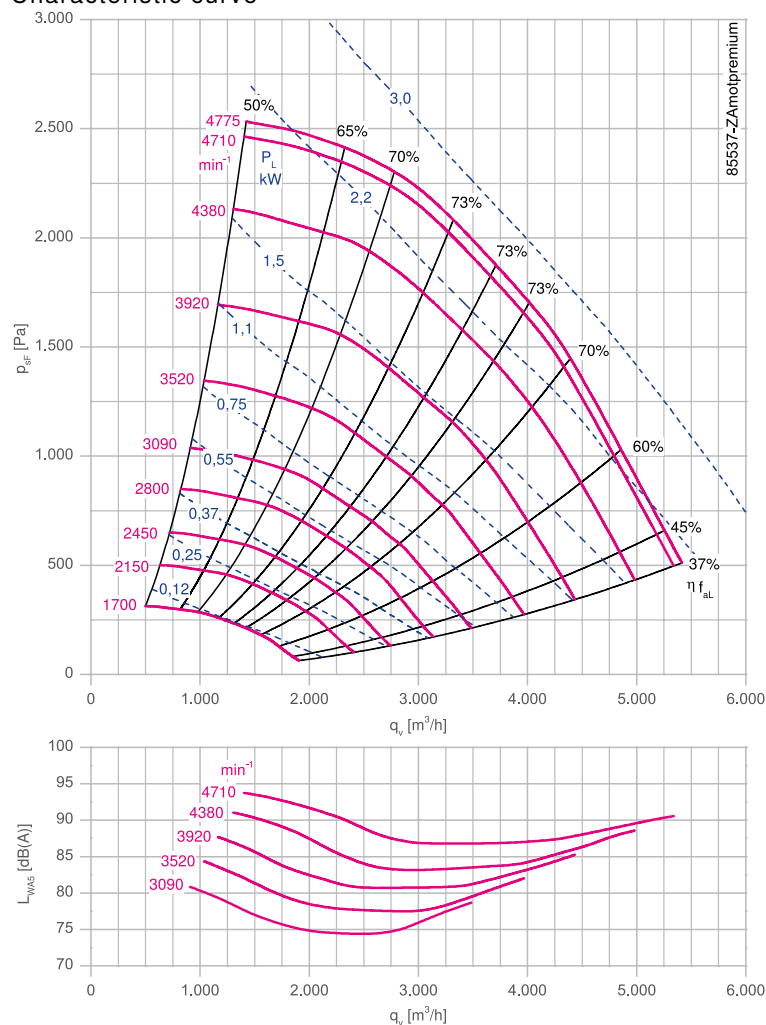
Description

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

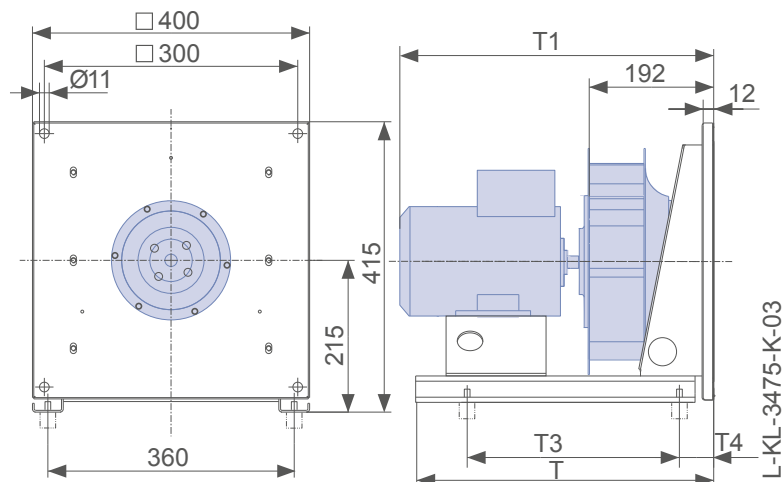
Nozzle coefficients

Standard k	75
With guard grille k _g	72

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	ER28C-2DN.B7.CR	130604/2101	080M	77.4	1.70	2805	3090	55	58.0	68.7
1.1	ER28C-2DN.B7.CR	130605/2101	080M	79.6	2.40	2830	3510	62	59.6	68.7
1.5	ER28C-2DN.C7.CR	130606/2101	090S/L	81.3	3.20	2880	3920	68	60.8	68.5
2.2	ER28C-2DN.D7.CR	130607/2101	090L/S	83.2	4.40	2880	4380	76	62.3	68.6
3.00	ER28C-2DN.E7.CR	130608/2101	100L	84.6	6.10	2905	4710	81	63.3	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	
0.75	ER28C-2DN.B7.CR	21.00	460	468	368	60	00406513	00411643	02021196	00090144	308228
1.1	ER28C-2DN.B7.CR	23.00	460	468	368	60	00406513	00411643	02021196	00090144	308228
1.5	ER28C-2DN.C7.CR	27.00	460	497	340	92	00406513	00411643	02021196	00090144	308230
2.2	ER28C-2DN.D7.CR	27.00	460	513	364	60	00406513	00411643	02021197	00090144	308232
3.00	ER28C-2DN.E7.CR	34.00	570	552	483	60	00406513	00411643	02021197	00090144	308234

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	ER28C-2DN.B7.CR	130604/2141	080M	80.7	1.56	2850	3080	54	60.5	71.5
1.1	ER28C-2DN.B7.CR	130605/2141	080M	82.7	2.20	2885	3520	61	62.0	71.3
1.5	ER28C-2DN.C7.CR	130606/2141	090S/L	84.2	3.00	2910	3900	67	63.1	71.0
2.2	ER28C-2DN.D7.CR	130607/2141	090L/S	85.9	4.20	2910	4380	75	64.3	70.8
3.00	ER28C-2DN.E7.CR	130608/2141	100L	87.1	5.60	2920	4670	80	65.2	70.8

* 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	ER28C-2DN.B7.CR	23.00	460	468	364	60	00406513	00411643	02021196	00090144	308228
1.1	ER28C-2DN.B7.CR	24.00	460	503	364	60	00406513	00411643	02021196	00090144	308228
1.5	ER28C-2DN.C7.CR	27.00	460	513	364	60	00406513	00411643	02021196	00090144	308230
2.2	ER28C-2DN.D7.CR	31.00	460	538	364	60	00406513	00411643	02021197	00090144	308232
3.00	ER28C-2DN.E7.CR	39.00	570	587	472	60	00406513	00411643	02021197	00090144	308234