

Plug fan C ATEX

ER28C

Motor ZAmotpremiumEX IE2



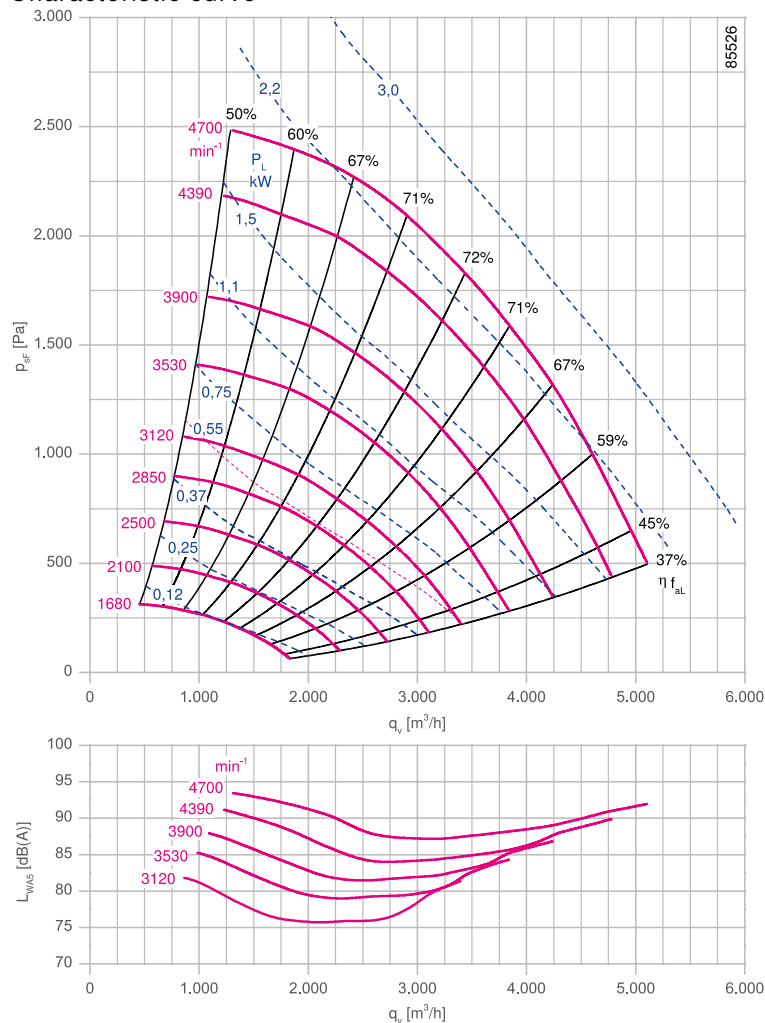
Description

Plug fan with high performance centrifugal impeller
Impeller made of bright sheet metal powder-coated according to resistance class 2 RAL 9005 (jet black)
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
Temperature class: II 2 G c IIB T4
Conformity: EAC

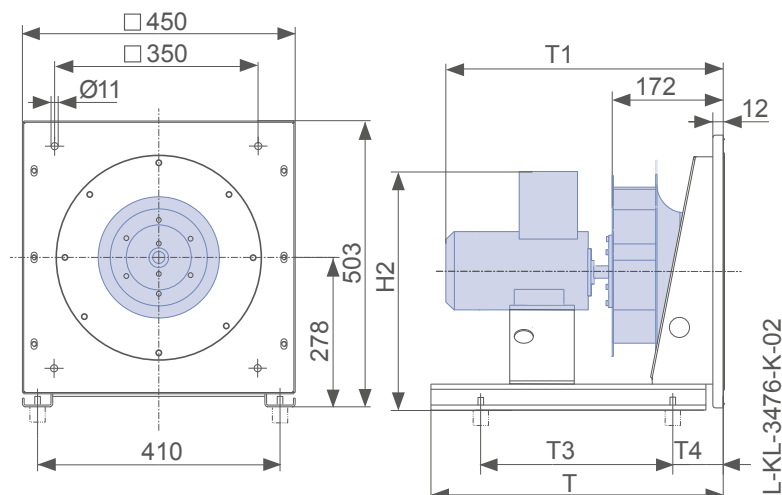
Nozzle coefficients

Standard k	69
With guard grille k _g	66

Characteristic curve



Dimensions mm



C-ATEX-ZAmotpremiumEX 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
0.75	ER28C-2DY.B7.1R	130604/EX01	080M	77.4	1.67	2805	3120	55
1.1	ER28C-2DY.B7.1R	130605/EX01	080M	79.6	2.40	2835	3530	62
1.5	ER28C-2DY.D7.1R	130606/EX01	090L	81.3	3.20	2885	3900	68
2.2	ER28C-2DY.D7.1R	130607/EX01	090L	83.2	4.50	2890	4390	76
3.00	ER28C-2DY.E7.1R	130608/EX01	100L	84.6	6.10	2905	4700	81

P_N kW	Type	Weight kg	T mm	T1 mm	T3 mm	T4 mm	H2 mm	Flexible inlet connector	Guard grille	Vibration damper		Frequency inverters 3~
										Spring	Rubber	
0.75	ER28C-2DY.B7.1R	39.00	562	521	400	60	486	00406431	00412700	02021196	00090144	308228
1.1	ER28C-2DY.B7.1R	39.00	562	521	400	60	486	00406431	00412700	02021196	00090144	308228
1.5	ER28C-2DY.D7.1R	49.00	562	579	450	60	491	00406431	00412700	02021196	00090144	308230
2.2	ER28C-2DY.D7.1R	49.00	562	579	450	60	491	00406431	00412700	02021197	00090144	308232
3.00	ER28C-2DY.E7.1R	65.00	562	625	470	60	505	00406431	00412700	02021197	00090144	308234

Information

ZAbuefin

Cpro

C

C ATEX

Impellers with hub

System components

Control technology

General notes