

Plug fan C ATEX

ER40C

Motor ZAmotpremiumEX IE2



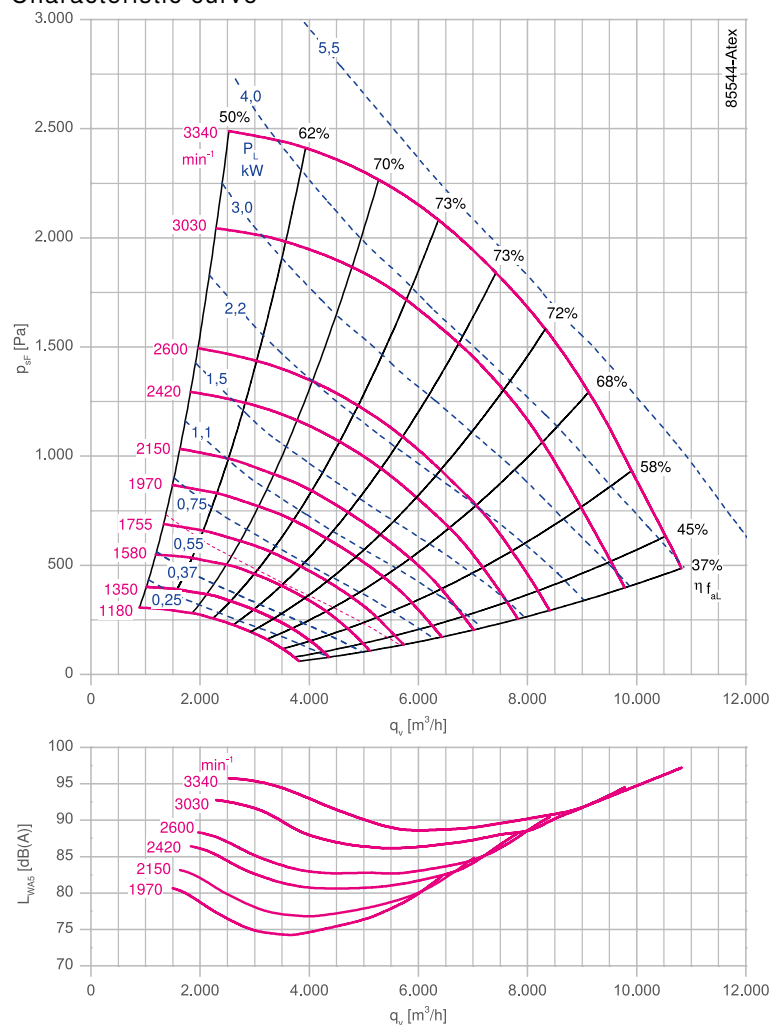
Description

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

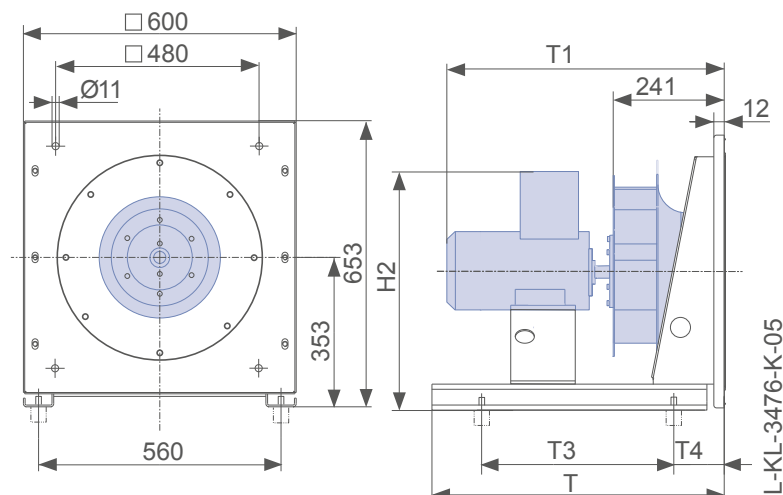
Nozzle coefficients

Standard k	141
With guard grille k_g	135

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
1.1	ER40C-4DY.D7.1R	130589/EX01	090L	81.4	2.50	1425	1970	69
1.5	ER40C-4DY.D7.1R	130590/EX01	090L	82.8	3.30	1435	2150	75
2.2	ER40C-4DY.E7.1R	130591/EX01	100L	84.3	4.70	1455	2420	84
3.00	ER40C-4DY.E7.1R	130592/EX01	100L	85.5	6.20	1455	2600	90
4.00	ER40C-2DY.F7.1R	130593/EX01	112M	85.8	7.80	2950	3030	52
5.5	ER40C-2DY.G7.1R	130594/EX01	132S	87.0	10.50	2950	3340	57

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	
1.1	ER40C-4DY.D7.1R	59.00	562	647	400	115	566	00406432	00412703	02021197	00090144	308228
1.5	ER40C-4DY.D7.1R	59.00	562	647	400	115	566	00406432	00412703	02021197	00090144	308230
2.2	ER40C-4DY.E7.1R	75.00	562	693	400	115	580	00406432	00412703	02021197	00090144	308232
3.00	ER40C-4DY.E7.1R	75.00	562	693	400	115	580	00406432	00412703	02021198	00090144	308234
4.00	ER40C-2DY.F7.1R	86.00	712	676	460	115	593	00406432	00412703	02021198	00090144	308236
5.5	ER40C-2DY.G7.1R	111.00	712	770	520	115	627	00406432	00412703	02021198	00090144	308265

Information

ZAbuefin

Cpro

C

C ATEX

Impellers with hub

System components

Control technology

General notes