

Plug fan C ATEX

ER45C

Motor ZAmotpremiumEX IE2



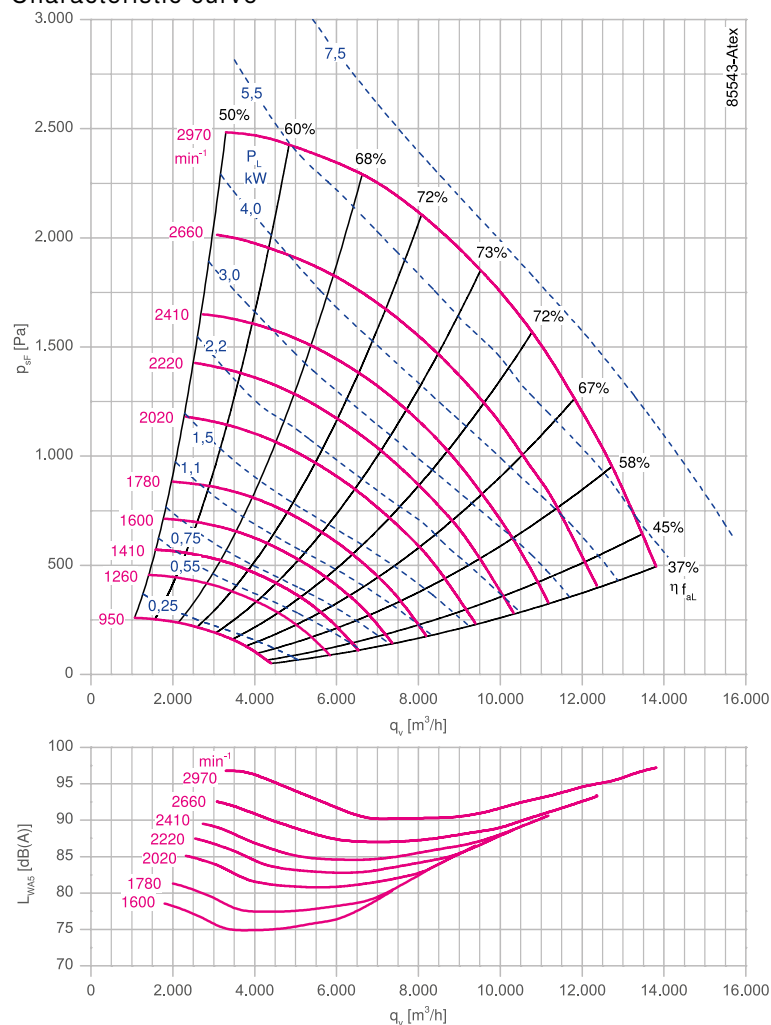
Description

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

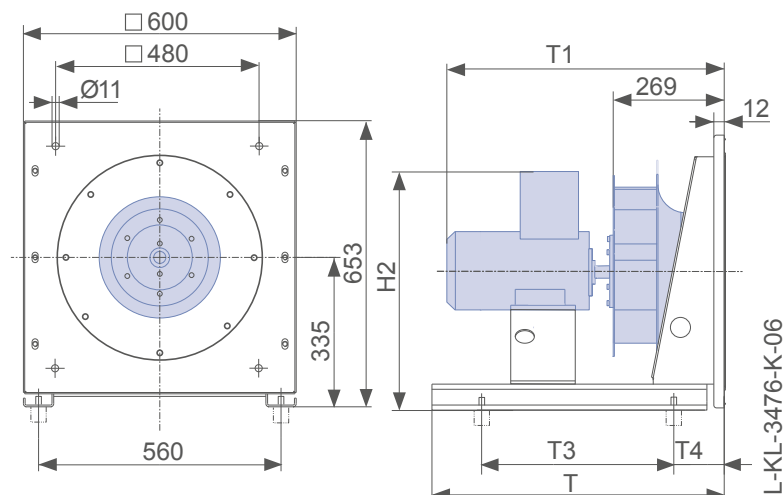
Nozzle coefficients

Standard k	181
With guard grille k _g	173

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	ER45C-4DY.D7.1R	130582/EX01	090L	81.4	2.50	1425	1600	56
1.5	ER45C-4DY.D7.1R	130583/EX01	090L	82.8	3.30	1435	1780	62
2.2	ER45C-4DY.E7.1R	130584/EX01	100L	84.3	4.70	1455	2020	70
3.00	ER45C-4DY.E7.1R	130585/EX01	100L	85.5	6.20	1455	2220	76
4.00	ER45C-4DY.F7.1R	130586/EX01	112M	86.6	8.20	1460	2410	83
5.5	ER45C-4DY.G7.1R	130587/EX01	132S	87.7	11.30	1465	2660	92
7.5	ER45C-2DY.G7.1R	130588/EX01	132S	88.1	14.10	2950	2970	51

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	ER45C-4DY.D7.1R	64.00	562	638	420	115	566	00406432	00412704	02021197	00090144	308228
1.5	ER45C-4DY.D7.1R	64.00	562	638	420	115	566	00406432	00412704	02021197	00090144	308230
2.2	ER45C-4DY.E7.1R	80.00	562	671	420	115	580	00406432	00412704	02021198	00090144	308232
3.00	ER45C-4DY.E7.1R	80.00	562	671	420	115	580	00406432	00412704	02021198	02000124	308234
4.00	ER45C-4DY.F7.1R	91.00	712	673	500	115	593	00406432	00412704	02021198	02000124	308236
5.5	ER45C-4DY.G7.1R	118.00	712	740	570	115	627	00406432	00412704	02021198	02000124	308265
7.5	ER45C-2DY.G7.1R	118.00	712	740	570	115	627	00406432	00412704	02021199	02000124	308267

Information

ZAbuefin

Cpro

C

C ATEX

Impellers with hub

System components

Control technology

General notes