

Plug fan C ATEX

ER56C

Motor ZAmotpremiumEX IE2



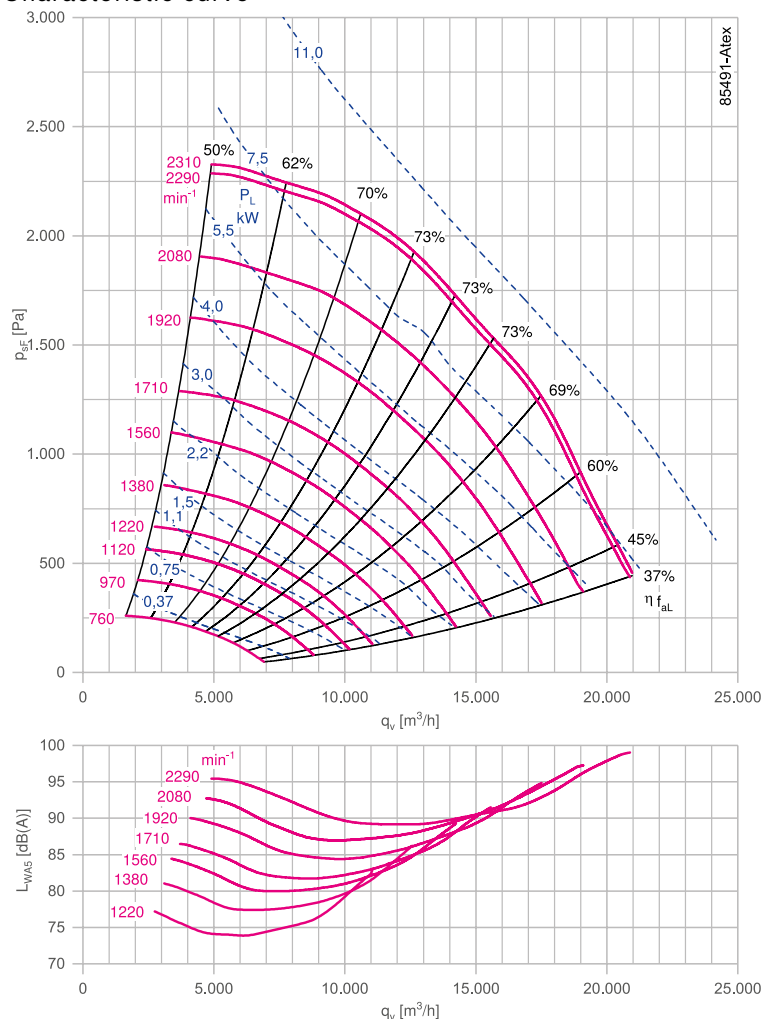
Description

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

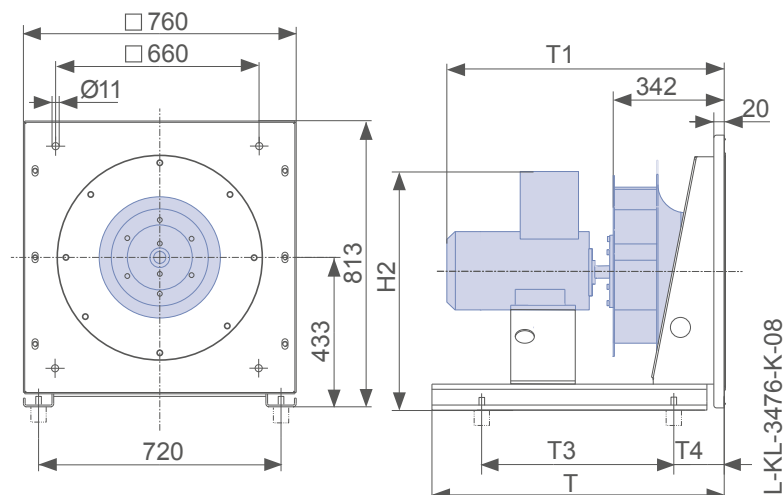
Nozzle coefficients

Standard k	284
With guard grille k_g	271

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
1.5	ER56C-6DY.E7.1R	130568/EX01	100L	79.8	3.70	970	1220	64
2.2	ER56C-4DY.E7.1R	130569/EX01	100L	84.3	4.70	1455	1380	48
3.00	ER56C-4DY.E7.1R	130570/EX01	100L	85.5	6.20	1455	1560	54
4.00	ER56C-4DY.F7.1R	130571/EX01	112M	86.6	8.20	1460	1710	59
5.5	ER56C-4DY.G7.1R	130572/EX01	132S	87.7	11.30	1465	1920	66
7.5	ER56C-4DY.H7.1R	163660/EX01	132M	88.7	14.70	1465	2080	72
11.00	ER56C-4DY.I7.1R	163661/EX01	160M	89.8	21.00	1470	2290	78

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	
1.5	ER56C-6DY.E7.1R	101.00	720	800	530	115	660	00406433	00412706	02021198	00090144	308232
2.2	ER56C-4DY.E7.1R	101.00	720	800	530	115	660	00406433	00412706	02021198	00090144	308232
3.00	ER56C-4DY.E7.1R	101.00	720	800	530	115	660	00406433	00412706	02021199	02000124	308234
4.00	ER56C-4DY.F7.1R	111.00	720	783	530	115	673	00406433	00412706	02021199	02000124	308236
5.5	ER56C-4DY.G7.1R	141.00	880	872	660	115	707	00406433	00412706	02021199	02000124	308265
7.5	ER56C-4DY.H7.1R	146.00	880	872	660	115	707	00406433	00412706	02018876	02020907	308267
11.00	ER56C-4DY.I7.1R	231.00	880	1054	745	115	738	00406433	00412706	02018876	02020907	308323

Information

ZAbuefin

Cpro

C

C ATEX

Impellers with hub

System components

Control technology

General notes