

Plug fan C ATEX

ER10C

Motor ZAmotpremiumEX IE2



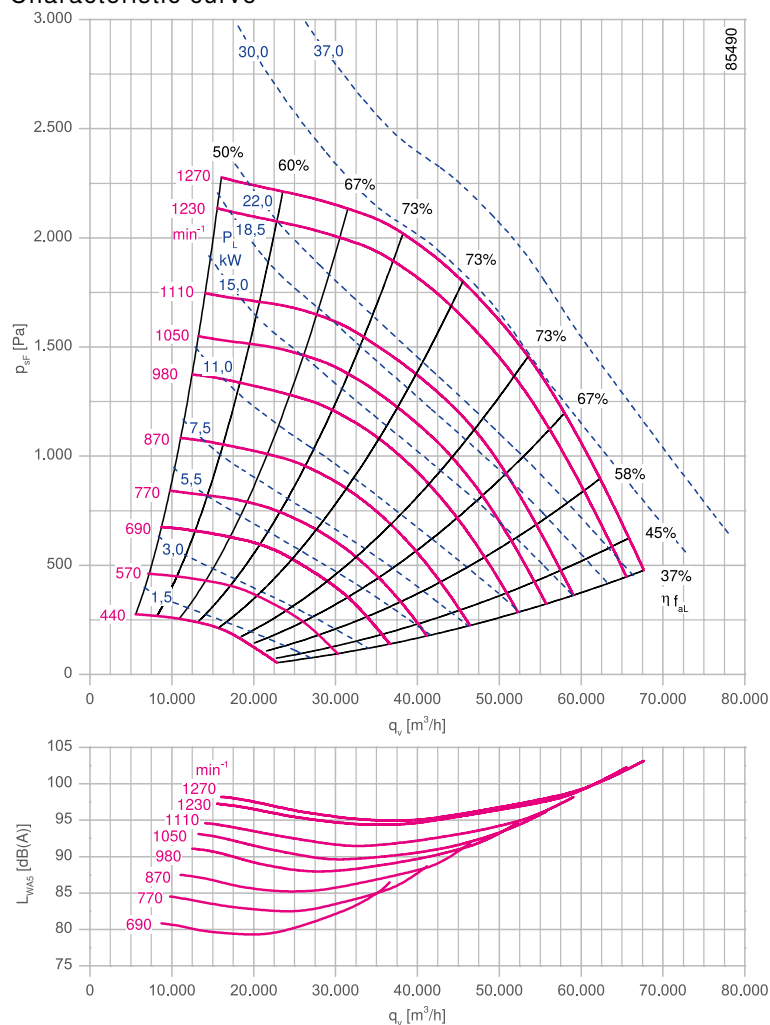
Description

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

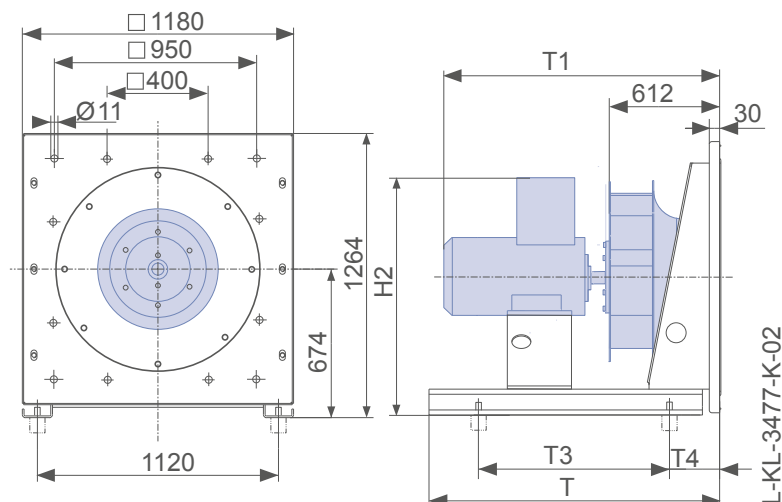
Nozzle coefficients

Standard k	916
With guard grille k_g	875

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
5.5	ER10C-8DY.I7.1R	130528/EX01	160M	87.3	11.40	720	690	48
7.5	ER10C-8DY.K7.1R	130529/EX01	160L	87.6	15.50	720	770	53
11.00	ER10C-8DY.M7.1R	130530/EX01	180L	87.8	23.00	720	870	60
15.00	ER10C-6DY.M7.1R	130531/EX01	180L	89.7	31.00	975	980	50
18.50	ER10C-6DY.N7.1R	130532/EX01	200L	90.4	36.00	978	1050	54
22.00	ER10C-6DY.N7.1R	130533/EX01	200L	90.9	42.50	978	1110	57
30.00	ER10C-6DY.R7.1R	130534/EX01	225M	91.7	57.00	980	1230	63
37.00	ER10C-6DY.S7.1R	130535/EX01	250M	92.2	70.00	982	1270	65

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	
5.5	ER10C-8DY.I7.1R	421.00	1160	1324	1020	115	979	00406435	00412711	02006450	02001674	308265
7.5	ER10C-8DY.K7.1R	437.00	1160	1324	1020	115	979	00406435	00412711	02006451	02001674	308267
11.00	ER10C-8DY.M7.1R	505.00	1320	1360	1125	115	1023	00406435	00412711	02006451	02000407	308323
15.00	ER10C-6DY.M7.1R	492.00	1320	1360	1125	115	1023	00406435	00412711	02006451	02000407	308325
18.50	ER10C-6DY.N7.1R	565.00	1320	1422	1125	115	1043	00406435	00412711	02006452	02000407	308327
22.00	ER10C-6DY.N7.1R	565.00	1320	1422	1125	115	1043	00406435	00412711	02006452	02000407	308329
30.00	ER10C-6DY.R7.1R	653.00	1320	1536	1180	115	1058	00406435	00412711	02006452	02019767	308331
37.00	ER10C-6DY.S7.1R	779.00	1320	1536	1180	115	1196	00406435	00412711	02006453	02019767	

Information

ZAbuefin

Cpro

C

C ATEX

Impellers with hub

System components

Control technology

General notes