

Plug fan C ATEX

ER71C

Motor ZAmotpremiumEX IE2



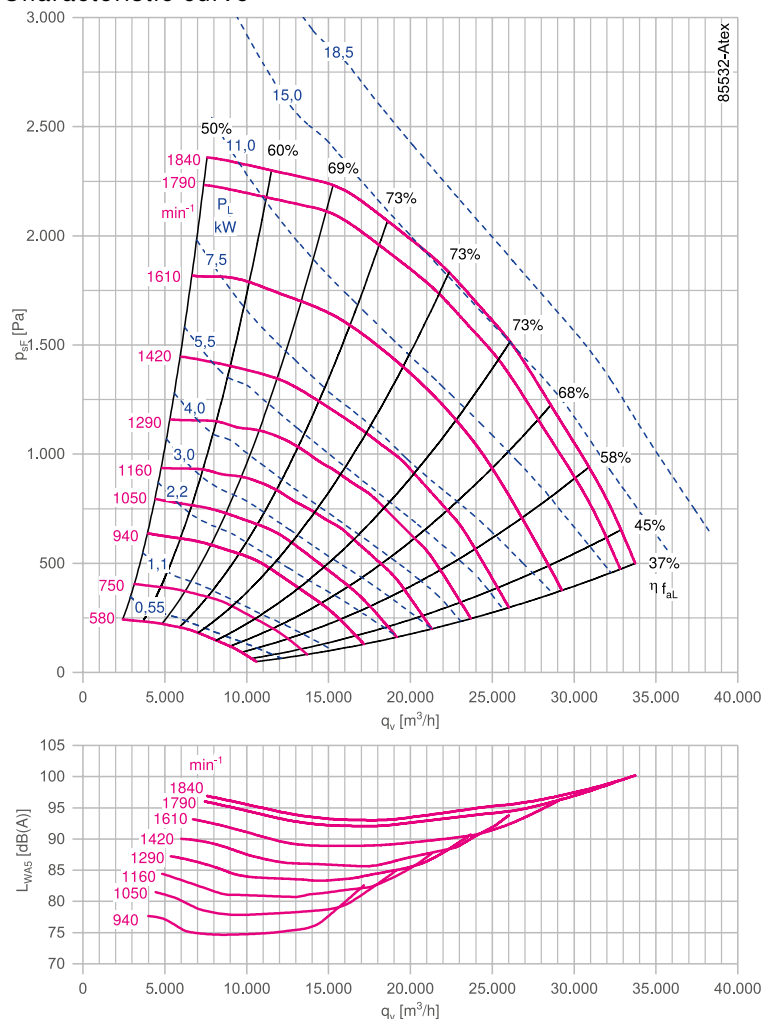
Description

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

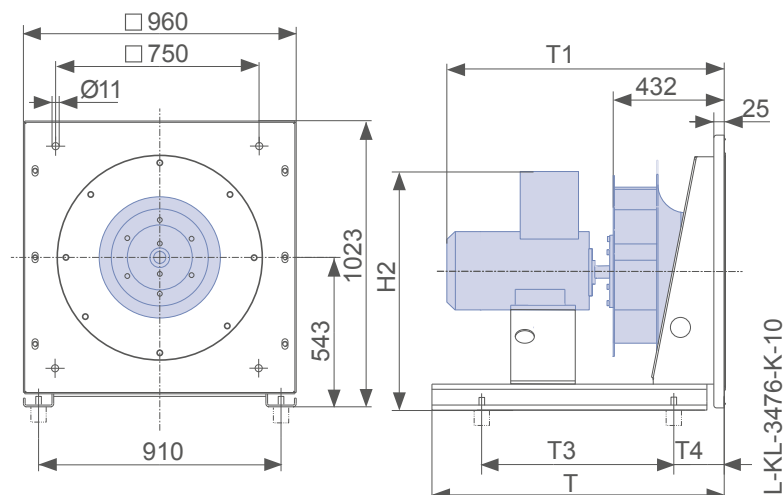
Nozzle coefficients

Standard k	450
With guard grille k_g	429

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
2.2	ER71C-6DY.F7.1R	163664/EX01	112M	81.8	5.20	965	940	49
3.00	ER71C-6DY.G7.1R	163665/EX01	132S	83.3	7.00	970	1050	55
4.00	ER71C-6DY.H7.1R	130554/EX01	132M	84.6	8.70	970	1160	60
5.5	ER71C-6DY.H7.1R	130555/EX01	132M	86.0	12.00	970	1290	67
7.5	ER71C-4DY.H7.1R	130556/EX01	132M	88.7	14.70	1465	1420	49
11.00	ER71C-4DY.I7.1R	130557/EX01	160M	89.8	21.00	1470	1610	55
15.00	ER71C-4DY.K7.1R	130558/EX01	160L	90.6	28.00	1475	1790	61
18.50	ER71C-4DY.L7.1R	130559/EX01	180M	91.2	35.00	1465	1840	63

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	
2.2	ER71C-6DY.F7.1R	161.00	885	873	720	115	783	00406434	00412708	02006449	00090157	308234
3.00	ER71C-6DY.G7.1R	184.00	885	962	720	115	817	00406434	00412708	02006449	00090157	308234
4.00	ER71C-6DY.H7.1R	189.00	885	962	720	115	817	00406434	00412708	02006450	00090157	308265
5.5	ER71C-6DY.H7.1R	199.00	885	962	720	115	817	00406434	00412708	02006450	00090157	308265
7.5	ER71C-4DY.H7.1R	194.00	885	962	720	115	817	00406434	00412708	02006450	00090157	308267
11.00	ER71C-4DY.I7.1R	278.00	1045	1144	880	115	848	00406434	00412708	02006450	00090157	308323
15.00	ER71C-4DY.K7.1R	295.00	1045	1144	880	115	851	00406434	00412708	02006451	02000407	308325
18.50	ER71C-4DY.L7.1R	343.00	1045	1180	905	115	892	00406434	00412708	02006451	02000407	308327

Information

ZAbuefin

Cpro

C

C ATEX

Impellers with hub

System components

Control technology

General notes