

Plug fan C ATEX

ER63C

Motor ZAmotpremiumEX IE2



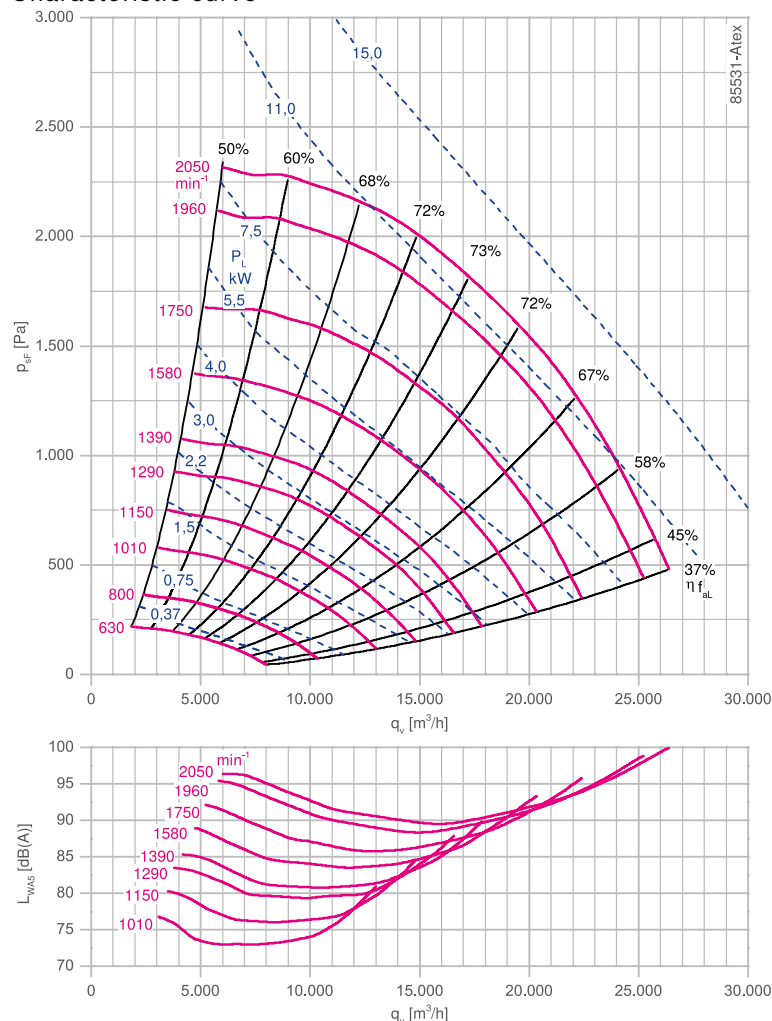
Description

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

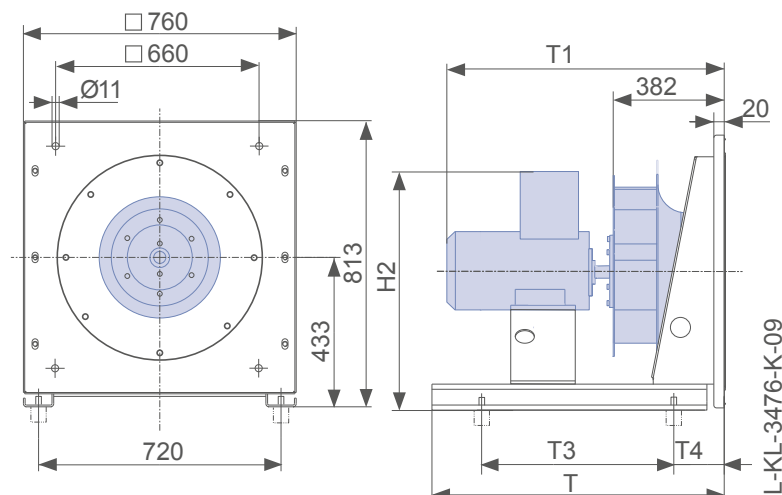
Nozzle coefficients

Standard k	350
With guard grille k_g	334

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	ER63C-6DY.E7.1R	130560/EX01	100L	79.8	3.70	970	1010	53
2.2	ER63C-6DY.F7.1R	130561/EX01	112M	81.8	5.20	965	1150	60
3.00	ER63C-6DY.G7.1R	130562/EX01	132S	83.3	7.00	970	1290	68
4.00	ER63C-4DY.F7.1R	130563/EX01	112M	86.6	8.20	1460	1390	48
5.5	ER63C-4DY.G7.1R	130564/EX01	132S	87.7	11.30	1465	1580	55
7.5	ER63C-4DY.H7.1R	130565/EX01	132M	88.7	14.70	1465	1750	60
11.00	ER63C-4DY.I7.1R	163662/EX01	160M	89.8	21.00	1470	1960	67
15.00	ER63C-4DY.K7.1R	163663/EX01	160L	90.6	28.00	1475	2050	70

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	ER63C-6DY.E7.1R	116.00	720	839	580	115	660	00406433	00412707	02021198	00090144	308232
2.2	ER63C-6DY.F7.1R	126.00	720	822	580	115	673	00406433	00412707	02021198	00090144	308234
3.00	ER63C-6DY.G7.1R	149.00	880	911	680	115	707	00406433	00412707	02021199	02000124	308234
4.00	ER63C-4DY.F7.1R	126.00	720	822	580	115	673	00406433	00412707	02021199	02000124	308236
5.5	ER63C-4DY.G7.1R	154.00	880	911	680	115	707	00406433	00412707	02021199	02000124	308265
7.5	ER63C-4DY.H7.1R	159.00	880	911	680	115	707	00406433	00412707	02021199	02020907	308267
11.00	ER63C-4DY.I7.1R	245.00	880	1093	745	115	738	00406433	00412707	02018876	02020907	308323
15.00	ER63C-4DY.K7.1R	262.00	880	1093	745	115	741	00406433	00412707	02018876	02020907	308325