

Plug fan Cpro

ER63Cpro

Motor PMblue IE4 and AMblue IE3



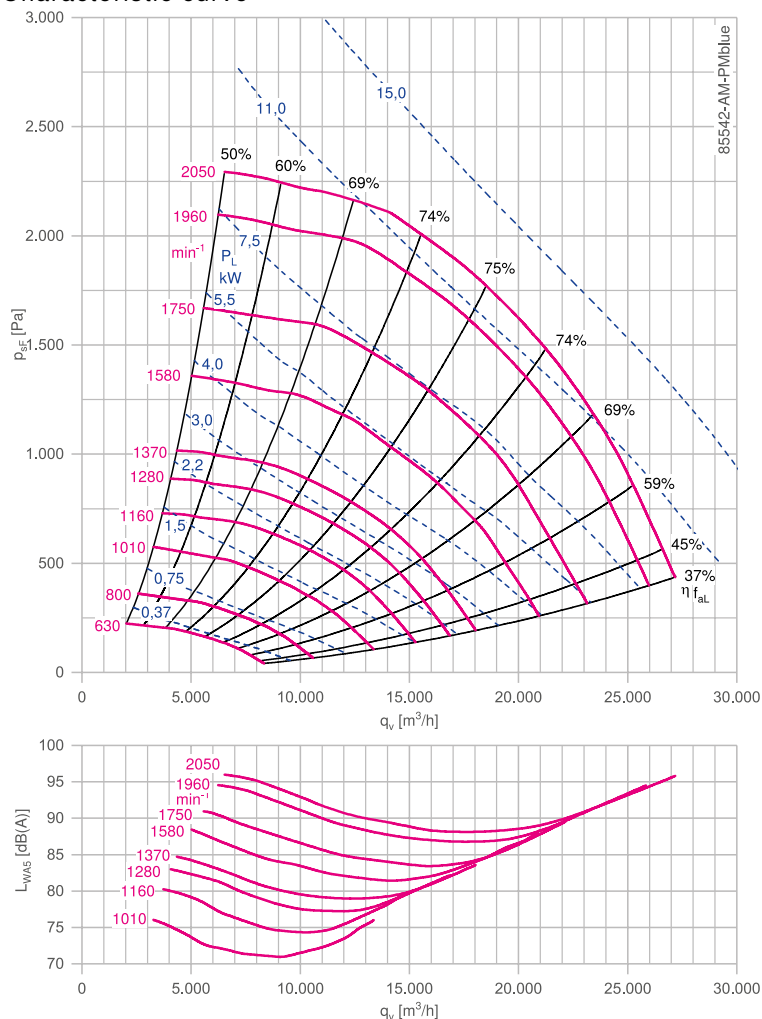
Description

Plug fan with high performance centrifugal impeller
Impeller made of ZAmid unpainted like RAL 5002 (ultramarine blue)
Inlet nozzle with measuring device for air flow measurement
Motor with built-on PMIcontrol basic-M
Fitting position H
Rated voltage U: 3~ 380-480 V
Rated frequency f: 50/60 Hz
Motor protection: PTC resistor
Degree of protection : IP54
Thermal class: THCL155
Min. permitted ambient temperature: -20 °C
Max. permitted ambient temperature: 40 °C
Conformity: ErP 2015, CE, EAC

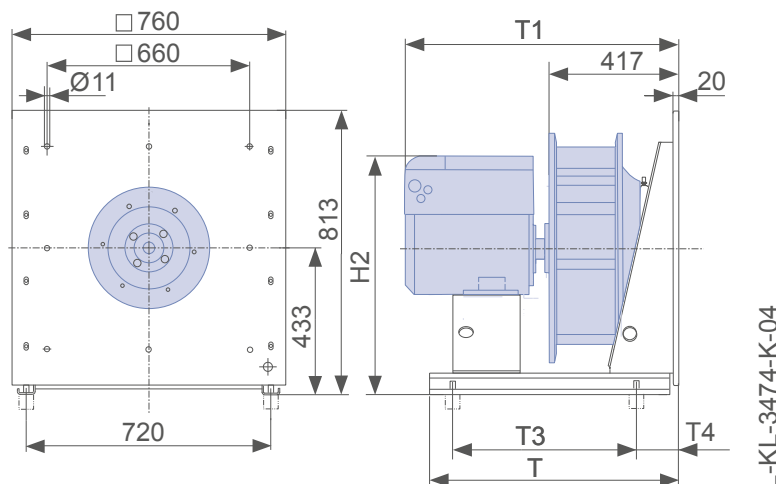
Nozzle coefficients

Standard k	381
With guard grille k _g	365

Characteristic curve



Dimensions mm



Cpro-PMblue IE4

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	Input power P_{sys} kW	Efficiency η_{statA} %	Efficiency grade N_{actual}^*
5.26	ER63C-6IN.F7.CR	115626/2P61	112M	92.0	10.0-8.0	1550	1580	6.00	70.6	72.9
7.32	ER63C-6IN.F7.CR	115627/2P61	112M	92.5	13.5-10.5	1730	1750	8.40	71.0	71.9
10.80	ER63C-6IN.F7.CR	115628/2P61	112M	93.0	20.0-15.5	1970	1960	12.00	71.4	71.3
12.34	ER63C-6IN.H7.CR	115629/2P61	132M	92.1	23.0-18.5	2060	2050	13.50	70.7	70.5

* ErP 2015 Target N=62 | expected limit for ErP 2020 N=64

P_N kW	Type	Weight kg	T mm	T1 mm	T3 mm	T4 mm	H2 mm	Flexible inlet connector	Guard grille	Vibration damper	
										Spring	Rubber
5.26	ER63C-6IN.F7.CR	87.00	720	792	578	115	681	00405986	00411645	02021199	02000124
7.32	ER63C-6IN.F7.CR	91.00	720	792	578	115	681	00405986	00411645	02021199	02000124
10.80	ER63C-6IN.F7.CR	107.00	720	871	578	115	742	00405986	00411645	02021199	02020907
12.34	ER63C-6IN.H7.CR	130.00	880	881	735	115	757	00405986	00411645	02018876	02020907

Cpro-AMblue IE3

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	Input power P_{sys} kW	Efficiency η_{statA} %	Efficiency grade N_{actual}^*
5.5	ER63C-4HN.G7.CR	130564/2A41	132S	89.6	11.0-8.6	1460	1580	6.60	68.8	70.9
7.5	ER63C-4HN.H7.CR	130565/2A41	132M	90.4	17.0-13.5	1460	1750	9.00	69.4	70.2
11.00	ER63C-4HN.I7.CR	163662/2A41	160M	91.4	23.0-18.5	1465	1960	12.50	70.2	70.1
15.00	ER63C-4HN.K7.CR	163663/2A41	160L	92.1	25.0-20.0	1465	2050	14.00	70.7	70.5

* ErP 2015 Target N=62 | expected limit for ErP 2020 N=64

P_N kW	Type	Weight kg	T mm	T1 mm	T3 mm	T4 mm	H2 mm	Flexible inlet connector	Guard grille	Vibration damper	
										Spring	Rubber
5.5	ER63C-4HN.G7.CR	111.00	880	834	683	115	698	00405986	00411645	02021199	02000124
7.5	ER63C-4HN.H7.CR	122.00	880	872	735	115	698	00405986	00411645	02021199	02000124
11.00	ER63C-4HN.I7.CR	201.00	880	937	735	115	797	00405986	00411645	02018876	02020907
15.00	ER63C-4HN.K7.CR	222.00	880	981	735	115	797	00405986	00411645	02018876	02020907