

C-ATEX plug fan – ZAmotbasicEx  
 01/2020

Centrifugal fans main catalogue with IEC standard motor  
 05/2020

# C-ATEX plug fan

ER25C

Motor ZAmotbasicEx IE3



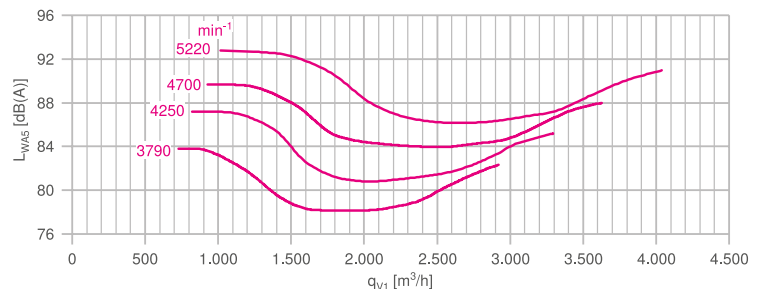
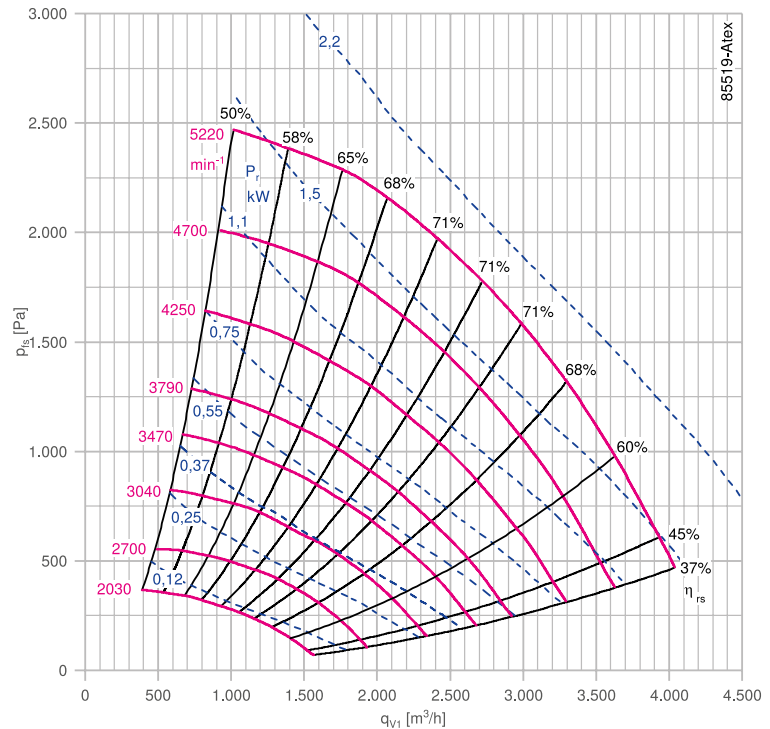
## Description

Plug fan with high performance centrifugal impeller  
 Impeller made of bright sheet metal powder-coated resistance class 2 (L-TI-0585) RAL 9005 (jet black)  
 Inlet nozzle with measuring device for air flow measurement  
 Fitting position H (horizontal)  
 Rated voltage  $U_N$ : 3~ 400 V  
 Rated frequency  $f_N$ : 50 Hz  
 Motor protection: PTC resistor  
 Degree of protection: IP56  
 Thermal class: THCL155  
 Min. permitted medium temperature  $t_{R(min)}$ : -20 °C  
 Max. permitted medium temperature  $t_{R(max)}$  at  $n_{max}$ : 40 °C  
 Ex marking fan (mechanical): II 2G c IIB T4  
 Ex marking motor (electrical): II 2G Ex h IIB T4 Gb

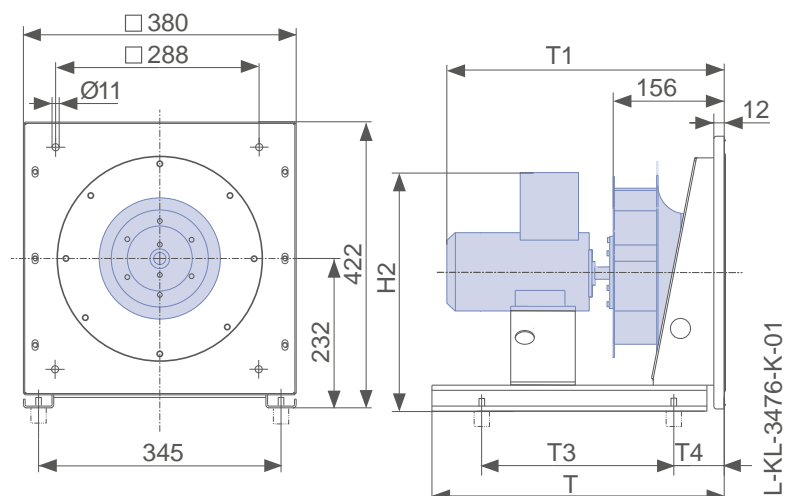
## Nozzle coefficients

Standard k	60
With guard grille $k_g$	53

Characteristic curve



Dimensions mm



## C-ATEX-ZAmotbasicEx IE3

Rated power $P_N$ kW	Type	Article no.	Motor size	Motor efficiency $\eta_{mot}$ %	Rated current $I_N$ A	Rated speed $n_N$ rpm	Maximum speed $n_{max}$ rpm	Maximum frequency $f_{max}$ Hz
0.75	<a href="#">ER25C-2DY.B7.1R</a>	<a href="#">130609/EX41</a>	080M	81.0	1.63	2825	3790	67
1.10	<a href="#">ER25C-2DY.B7.1R</a>	<a href="#">130610/EX41</a>	080M	83.0	2.33	2835	4250	75
1.50	<a href="#">ER25C-2DY.D7.1R</a>	<a href="#">130611/EX41</a>	090L/S	84.2	3.10	2900	4700	81
2.20	<a href="#">ER25C-2DY.D7.1R</a>	<a href="#">130612/EX41</a>	090L/S	86.3	4.43	2870	5220	91

$P_N$ kW	Type	Weight kg	T mm	T1 mm	T3 mm	T4 mm	H2 mm	Flexible connector	Guard grille	Vibration damper		Frequency inverters 3~
										Spring	Rubber	
0.75	<a href="#">ER25C-2DY.B7.1R</a>	36.00	452	457	366	60	396	00406430	00412699	02021196	00090144	308228
1.10	<a href="#">ER25C-2DY.B7.1R</a>	37.00	452	457	366	60	396	00406430	00412699	02021196	00090144	308228
1.50	<a href="#">ER25C-2DY.D7.1R</a>	55.00	452	521	366	60	415	00406430	00412699	02021197	00090144	308230
2.20	<a href="#">ER25C-2DY.D7.1R</a>	58.00	452	521	366	60	415	00406430	00412699	02021197	00090144	308232

Information

ZAbbluefin

Cpro

C

C-ATEX

Impellers with hub

System components

Control technology

General notes

