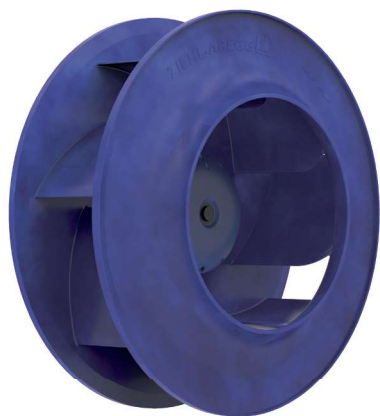


Cpro-ECblue

for three phase alternating current, 380-480 V

RH63C-ZIK



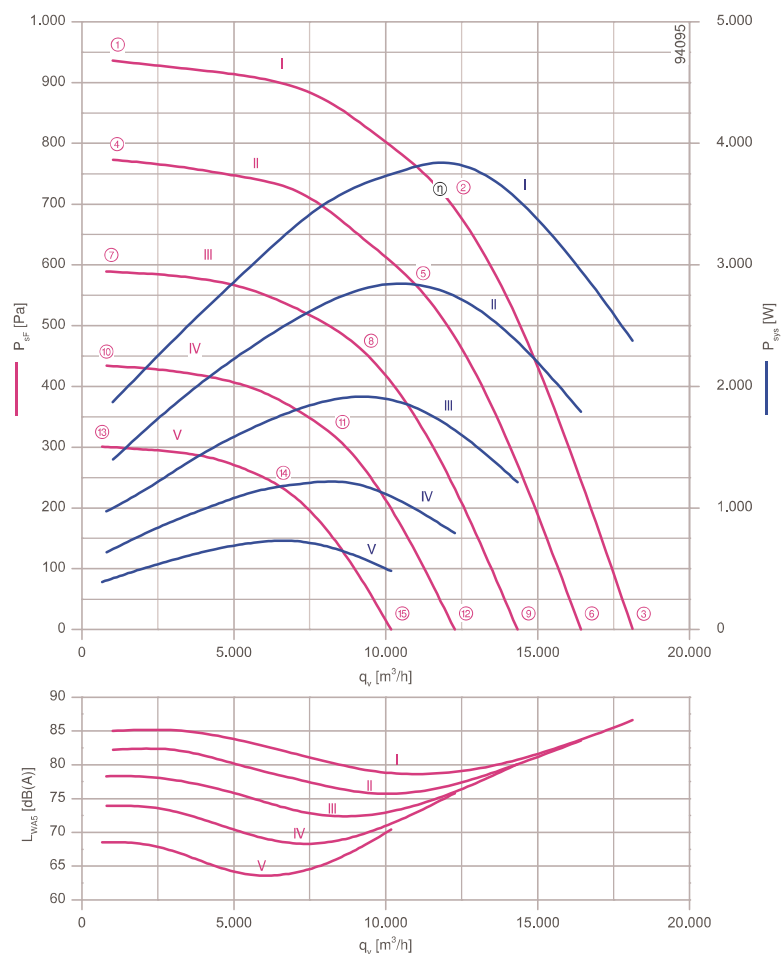
Description

Motor technology: EC
Rated voltage U: **3~380-480 V***
Rated frequency f: **50/60 Hz***
Motor input power P: **3.80 kW***
Rated current I: **6.20-5.00 A***
Rated speed n: **1320 min⁻¹***
Thermal class: **THCL155***
Min. permitted ambient temperature t_{R1} : -20 °C
Max. permitted ambient temperature t_{R2} at n_{max} : 50 °C
Electrical connection: integrated Controller
Number of blades : 7
Balancing quality: G 2.5
Protection class: IP54
Motor protection: Integrated active temperature management
Impeller : ZAmid, uncoated, Ultramarine blue
Conformity: ErP 2015, CE

ErP-data

Efficiency η_{statA} : 66.1 %
Efficiency: $N_{actual} = 70.5 / N_{target} = 62^{**}$
EC controller integrated
*Rated data
**ErP 2015

Characteristic curve

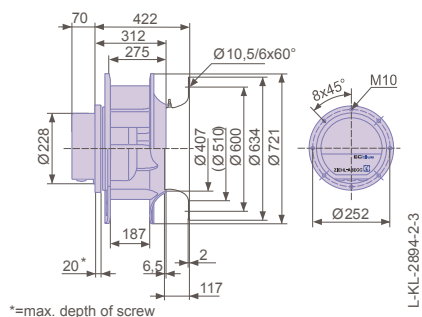


measured with inlet ring, without guard grille according to ISO 5801

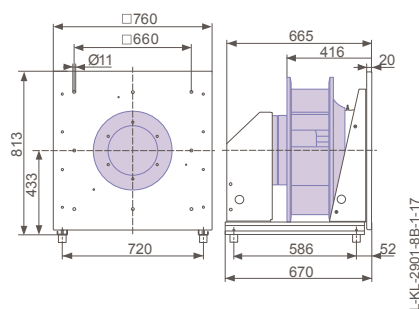
➤ Inlet ring	00401301	Page 450
➤ Connection diagram	1360-401	Page 548
➤ Rubber dampers	30x30 / 40	Page 454
➤ Spring vibration dampers	MSN 6	Page 454
➤ System components		Page 448

Dimensions [mm]

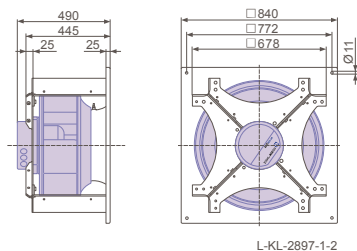
Free-running motor impeller RH
in installation position H/Vu/Vo



Plug fan ER in installation position H



Ventilation unit GR in installation position H

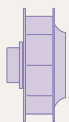
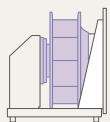
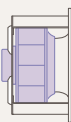
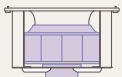


Performance data

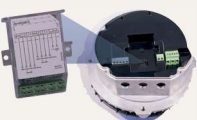
Type	Characteristic curve	Speed n [min ⁻¹]	Operating point	Current I [A]	Motor input power P _{sys} [W]	Suction side sound power level L _{WAS} [dB]	Maximum ambient temperature t _R [°C]
_63C-ZIK.GL.CR	I	1320	①	2.90	1850	85	50
		1320	②	5.80	3800	79	
		1320	③	3.60	2400	87	
	II	1200	④	2.20	1400	82	60
		1200	⑤	4.40	2800	76	
		1200	⑥	2.80	1800	84	
	III	1050	⑦	1.55	980	78	
		1050	⑧	2.90	1900	72	
		1050	⑨	1.90	1200	80	
	IV	900	⑩	1.10	640	74	
		900	⑪	1.95	1200	69	
		900	⑫	1.35	800	76	
	V	750	⑬	0.80	390	69	
		750	⑭	1.25	720	64	
		750	⑮	0.92	480	70	

Current values determined at 400V

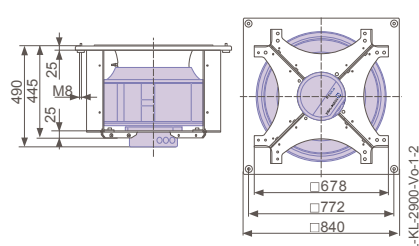
Fan ordering information

Design	RH*	ER**	GR**	GR**	GR**
Installation position	H/Vu/Vo	H	H	Vo	Vu
					
Type	RH63C-ZIK.GL.CR	ER63C-ZIK.GL.CR	GR63C-ZIK.GL.CR	GR63C-ZIK.GL.CR	GR63C-ZIK.GL.CR
Basic electronics					
Article no.	114639	114680/A01	114660/H01	114660/O01	114660/U01
Premium electronics					
Article no.	114640				
Weight [kg]	36.00	64.60	72.00	73.00	73.00
* Inlet ring not included					
** Inlet ring integrated					

Control technology

Control module	Operating terminal	Expansion module
		
➔ Page 464	➔ Page 476	➔ Page 473

Ventilation unit GR in installation position Vo



Ventilation unit GR in installation position Vu

