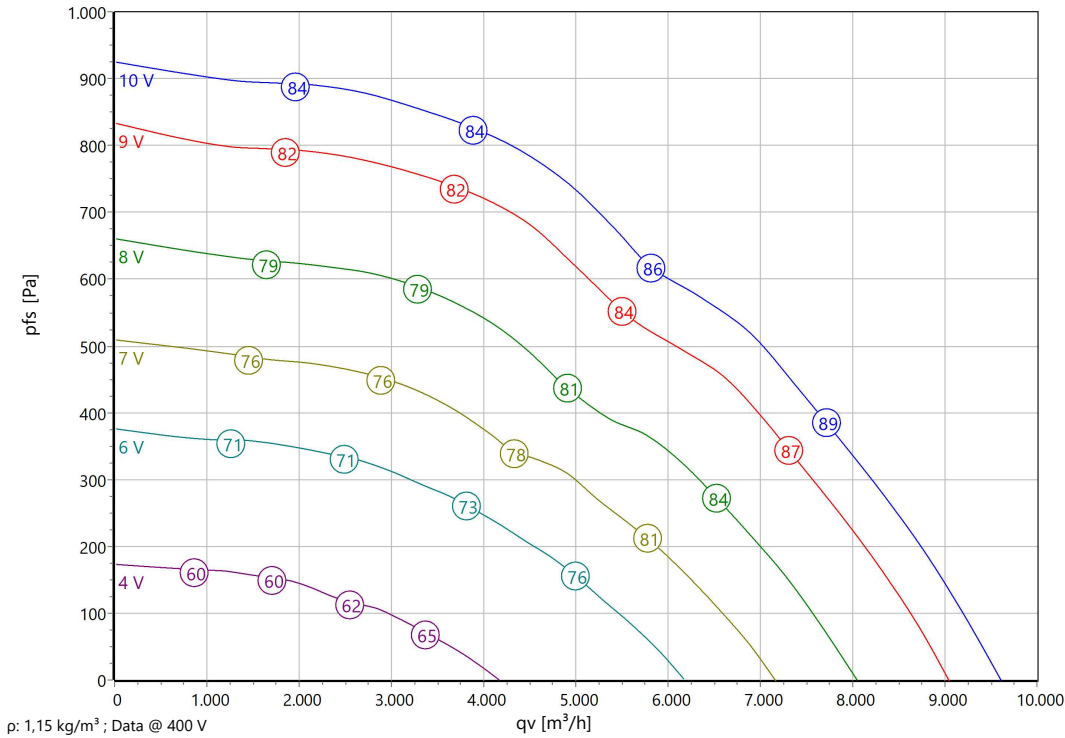




Type: **KHAG 500.6FF R**
Part no.: D15-50004



Curve:



ErP-Data:

	(EU) Nr. 1253/2014	(Lot6)
q _v	5185	m³/h
p _{fs}	711	Pa
η _{fs}	59,4	%
P _{ed}	1,73	kW
n	1580	r/min
N	56	
v	3,60	m/s
η _{fs} Lot11	60,8	%

Nominal Data:

U [V]	f [Hz]	Data @ [V]	P _{ed} [kW]	I _N [A]	n _N [r/min]	t _R [°C]	k10 [m²/s/h]	Eff.-Rating	IP	m [kg]
3~380-480	50/60	400	1,83	2,88	1580	-25 .. +60	-	IE5	IP 54	65

Sound Data:

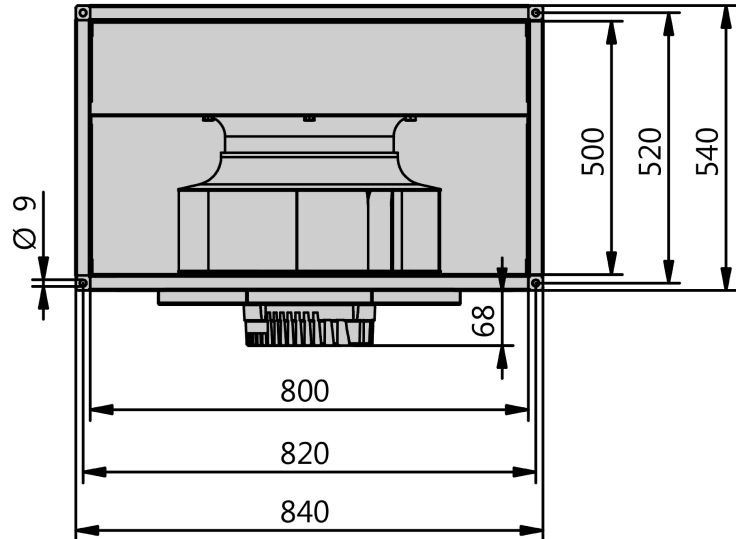
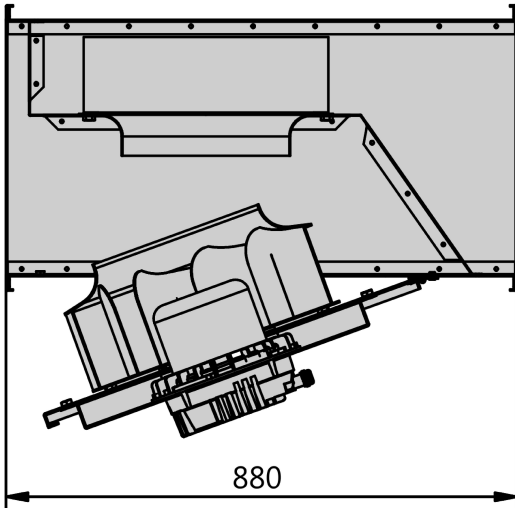
Frequency	Σ	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	Distances	1 m	4 m
L _w A(A,in) [dB(A)]	-6	-39	-18	-11	-12	-13	-15	-21	-27	L _p A(A,in) [dB(A)]	-13	-23
L _w A(A,out) [dB(A)]		-37	-18	-7	-6	-4	-10	-16	-22	L _p A(A,out) [dB(A)]	-7	-17
L _w A(A,cas) [dB(A)]	-15	-42	-24	-18	-22	-23	-35	-42	-43	L _p A(A,cas) [dB(A)]	-22	-32

L_wA(cas) = L_wA(out) - 17dB
L_wA(in) = L_wA(out) - 7dB



Type: **KHAG 500.6FF R**

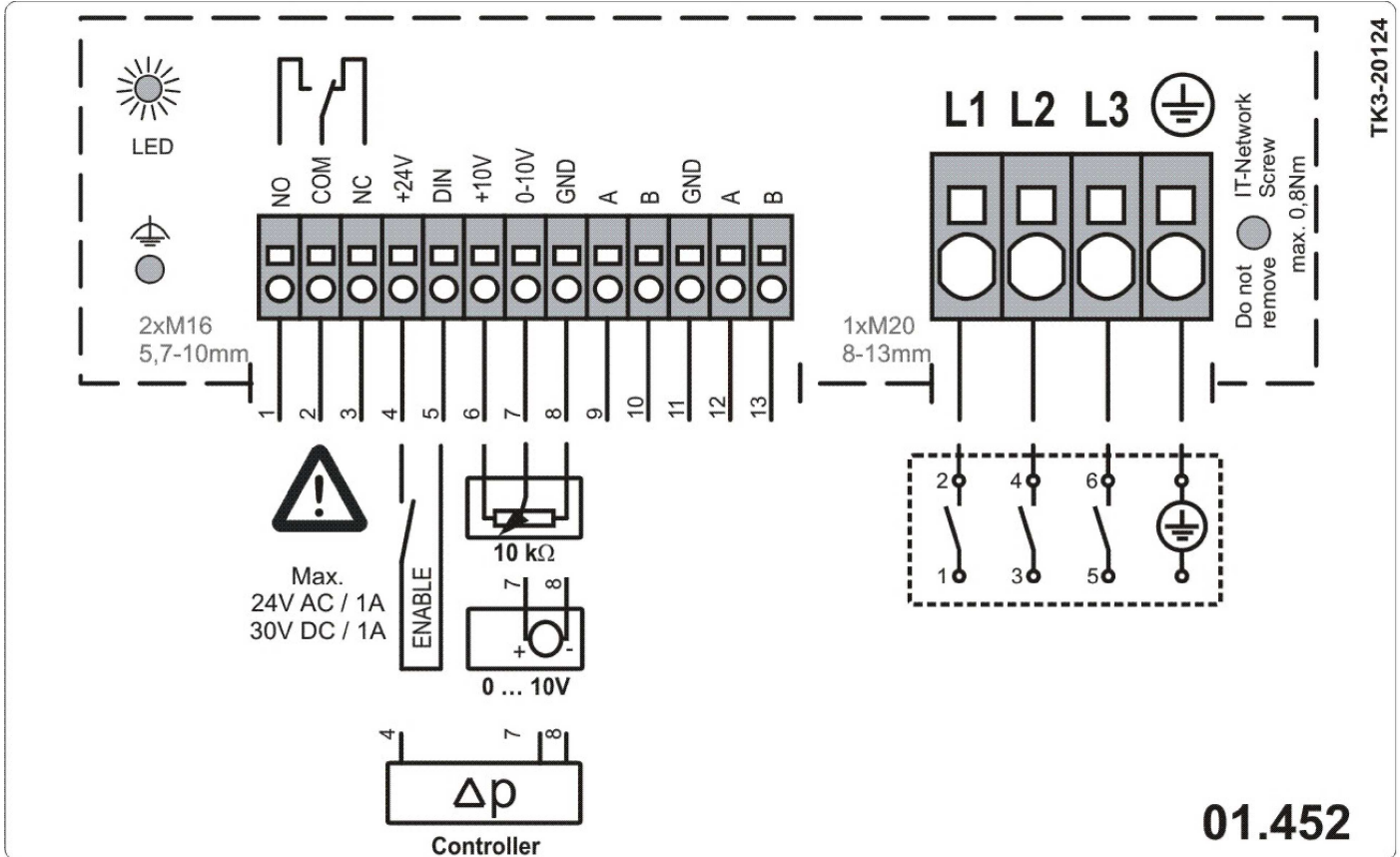
Part no.: D15-50004





Type: **KHAG 500.6FF R**

Part no.: D15-50004



01.452

EC-Duct Fans (Duct dimensions 800x500mm)

with backwards curved centrifugal impellers

Casing made from galvanized steel, formed as a rectangular duct, for direct installation into air ducts. On inlet and outlet side 20 mms wide standard flanges. Equipped with complete swing-out motorized impellers for easy inspection cleaning and maintenance. Mounting either with horizontal or vertical motor shaft. Impeller of the E-series (Revolution) made of black, UV-stabilized and long glass fibre reinforced Polypropylene (PP) with 7 backward curved, profiled blades and narrow efficiency optimized circumferential diffusor. Sound and weight optimized. Corrosion resistant and compact design. Air Flow orientated behaviour. Energy saving EC external-rotor motor of the 3rd generation. Exceeds in accordance with IEC 60034-30-2 minimum requirements for IE5 (Ultra Premium Efficiency). Maintenance free ball bearings, closed on both sides with long-term lubrication. Magnets without rare earth elements. Motor made of die casted aluminum. Protection Class IP54. Electronic with integrated terminal box and environmental resistant cable glands (2x M16 and 1x M20). Status LED integrated. 100% speed controllable with integrated Motor Protection and Soft Start. ModBus RTU Interface integrated. Busconfiguration possible on site by customer. Potential-free Alarm Contact and integrated 24V Supply for accessories. Applicable in all common energy grids and IT-Network. Low noise commutation. Motorized Impeller statically and dynamically balanced according to DIN ISO 21940-11 at least with quality level G6.3. The electrical connection is mounted on the housing by a terminal box. Air volume control is possible over an 0-10V Signal (accessory).

Fan complies with the guidelines required (Machinery-, EMC- and Low Voltage Directive) to comply with installation and conformity declaration as well as CE marking.

Nominal Data:

Voltage
3~380-480 V
Frequency
50/60 Hz
Input power
1,83 kW
Current
2,88 A
Speed
1580 r/min
Medium temperature
60 °C
Protection Mode
IP 54
Efficiency Class
IE5
Weight
65 kg
Dimensions
880 mm / 840 mm / 540 mm

Contact:

Rosenberg Ventilatoren BV
Elandlaan 8
NL - 3734 CP Den Dolder
www.rosenberg.nl

Type:

KHAG 500.6FF R

Article-No.:

D15-50004
