



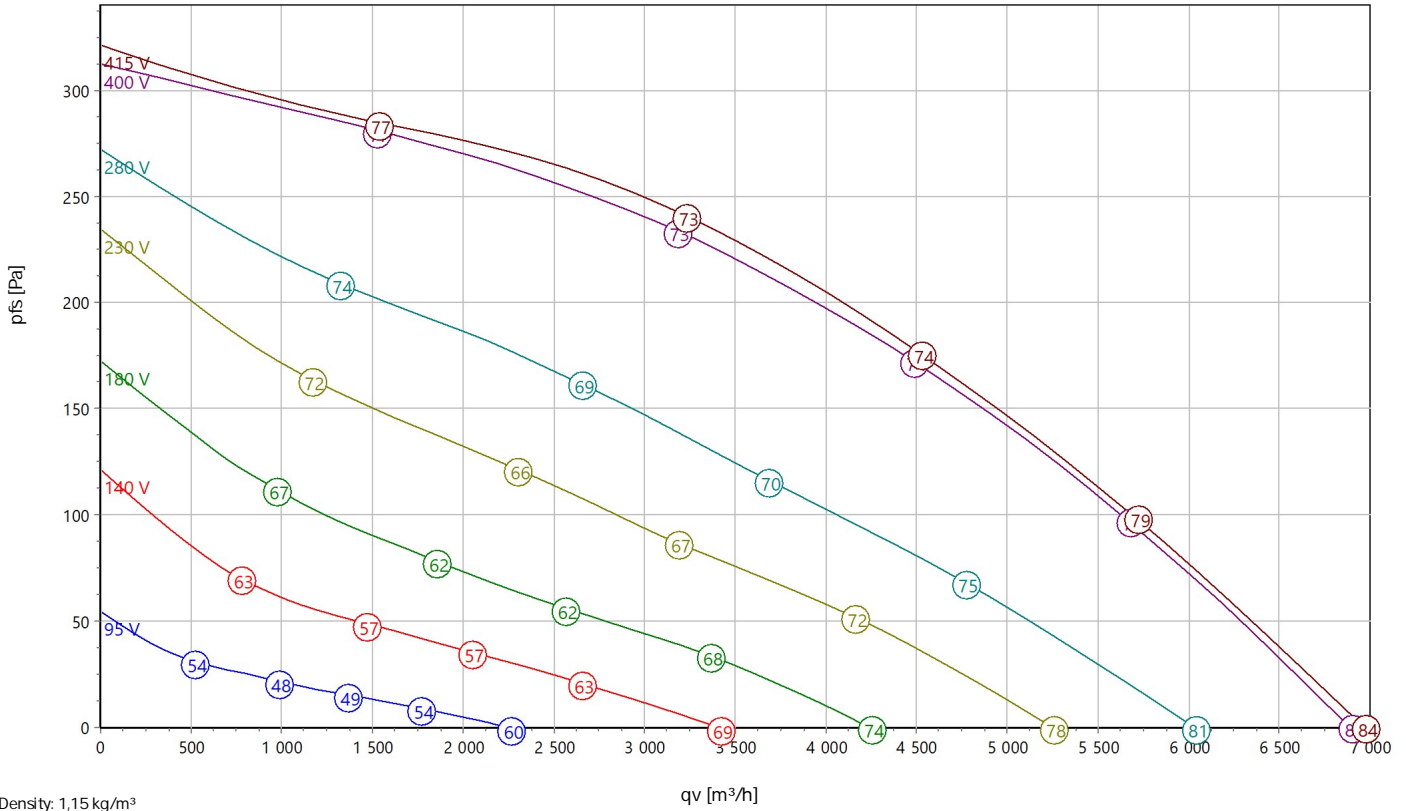
Roof Fan

Type: **DH 560-6 D Ex II 2G c IIB T3 X**

Art.-No.:



Curve:

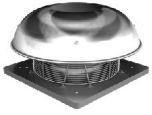


Nominal Data:

U [V]	f [Hz]	P _e [kW]	I _N [A]	n _N [r/min]	C [μF]	t _R [°C]	k ₁₀ [m²s/h]	I _A / I _N	IP	m [kg]
400 D	50	0,56	1,1	810	-	40	-	2,5	IP 44	62,5

Sound Data:

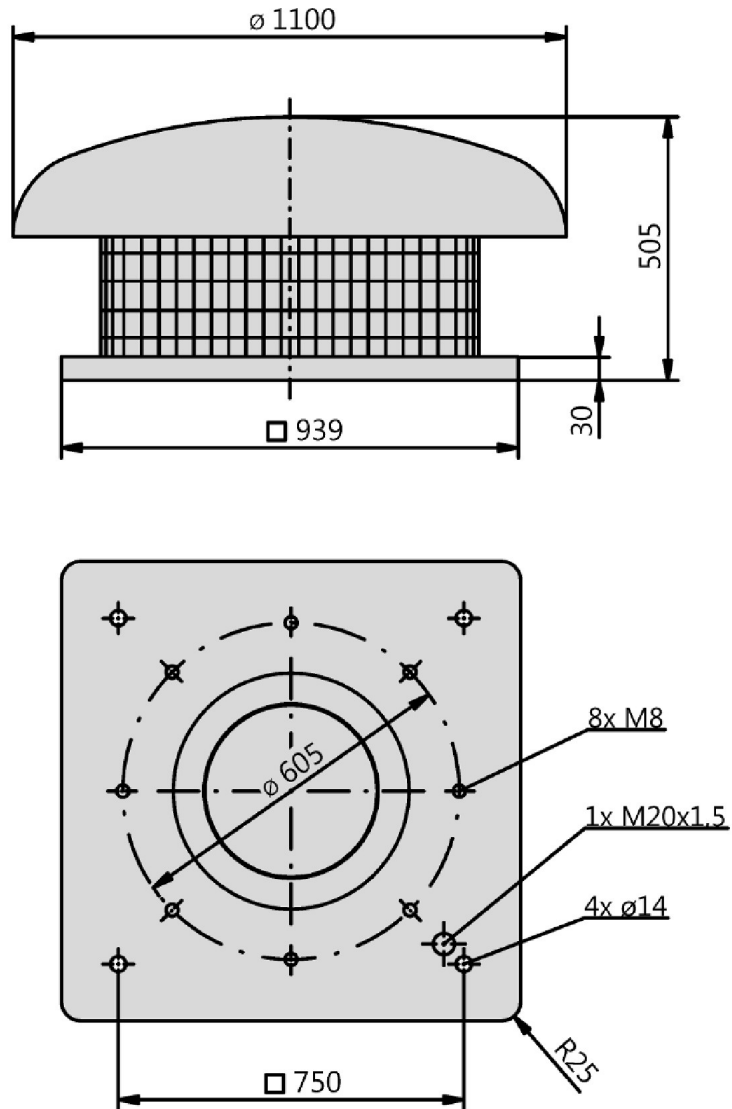
Frequency		125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz	Distances	1 m	4 m
L _w A(A,in) [dB(A)]	-3	-20	-14	-14	-11	-12	-18	-24	L _p A(A,in) [dB(A)]	-10	-20
L _w A(A,out) [dB(A)]		-16	-8	-6	-5	-8	-14	-23	L _p A(A,out) [dB(A)]	-7	-17



Roof Fan

Type: **DH 560-6 D Ex II 2G c IIB T3 X**

Art.-No.:



Roof fan (explosion proof)

Equipment category 2 - Zone 1

Rain protection cover and square housing made of seawater-resistant aluminium. Base frame equipped with threaded bolts for tightening accessories on suction side. Impeller blades and support disks made of seawater-resistant aluminum. Wheel inlet nozzle made of galvanized sheet steel. Inlet cone with copper tape. Voltage controllable explosion proof AC external rotor motor. Protection class IP44. Maintenance free ball bearings, closed on both sides with long-term lubrication. Motor coated black and/or die casted aluminum. Standard configuration with cable. Positive Temperature Coefficient (PTC) thermistors in accordance to DIN 44082 are inlaid into the motor windings. To function as a protective motor switch, the PTC resistors must be connected to a triggering device with the identification Ex II(2)G. Isolation Class F. Ignition protection Ex e or Ex nA. Motorized Impeller statically and dynamically balanced according to DIN ISO 21940-11 at least with quality level G6.3. The electrical connection via lead out connection cable.

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

Those fans are designed and manufactured to be operated in vaporous explosive atmosphere. They are marked in accordance with the Atex directive 2014/34/EU: **Ex II 2G c IIB T3 X**

Nominal Data:

Voltage [U]

400 D V

Frequency [f]

50 Hz

Input power [P]

0,56 kW

Current [I]

1,1 A

Speed [n]

810 r/min

Medium temperature [tR]

40 °C

Protection Mode

IP 44

Weight [m]

62,5 kg

Contact:

Rosenberg Ventilatoren GmbH

Maybachstraße 1

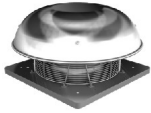
D - 74653 Künzelsau - Gaisbach

www.rosenberg-gmbh.com

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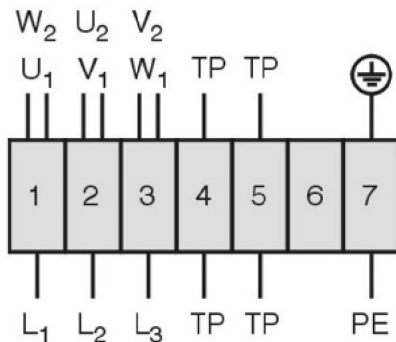


Drehstrommotor, explosionsgeschützt in Δ -Schaltung mit Temperaturfühler (TP). Drehrichtungsänderung durch Vertauschen von 2 Phasen.

Three phase motor, explosion-proof in delta (Δ) connection with temperature sensor (TP). Changing of rotation direction by interchanging of 2 phases.

Moteur triphasé protégé contre les explosions et branché en delta (Δ) avec sonde de température (TP). Changement de sens de rotation par inversion de deux phases.

TK3-20066



U₁ braun / brown / brun
 V₁ blau / blue / bleu
 W₁ schwarz / black / noir
 U₂ rot / red / rouge
 V₂ grau / grey / gris
 W₂ orange / orange / orange
 TP weiß / white / blanc
 PE gelb-grün
 yellow-green
 jaune-vert

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