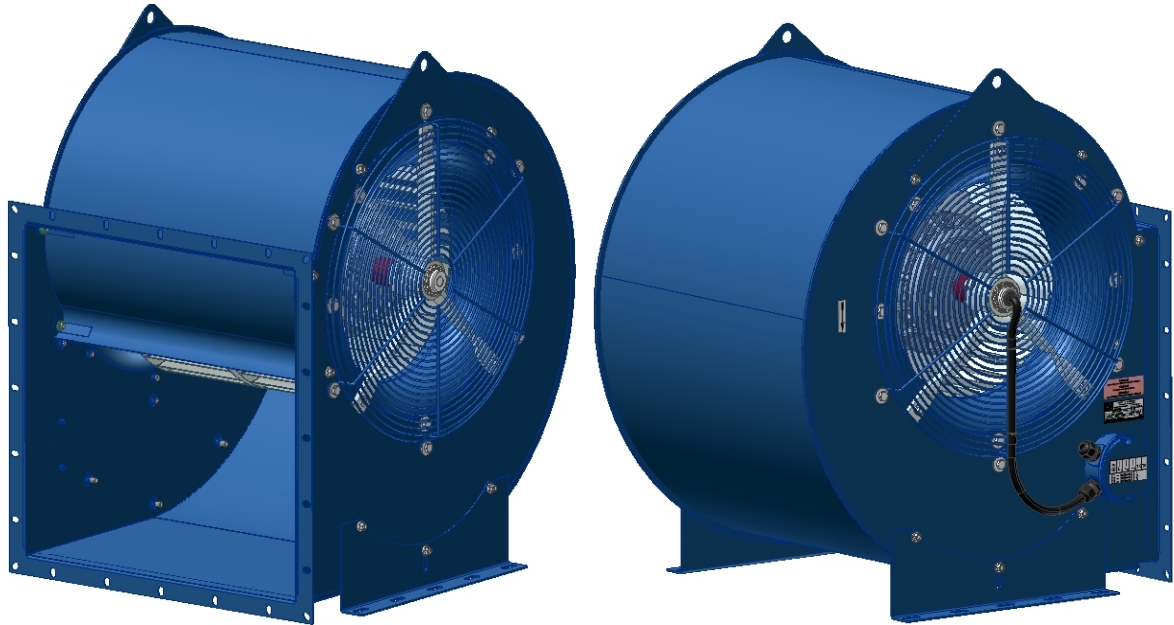


RADIAL BLOWER

double inlet



RC-DRAD 400-6 S 3~690 V/60 Hz



Gottlieb-Dunkel-Str.20/21
D-12099 Berlin-Tempelhof

Characteristics

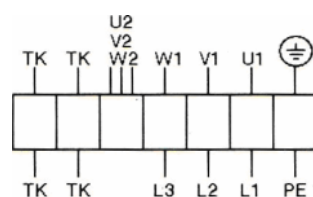
Model (Item number:)		RC-DRAD 400-6 S 690 V 60 Hz
Voltage	U	[V] 3~690 (Y)
Frequency	f	[Hz] 60
Number of poles		6
Phase displacement angle	Δ/Y	Cos φ 0.79
Efficiency	η	[%] see performance curve
Real power	P_w	[W] see performance curve
Static pressure	p_{st}	[Pa] see performance curve
Minimum static pressure	$\Delta p_{st\ min}$	[Pa] 300 Pa
Volume flow	V	[m ³ /h] see performance curve
Operating point	AP	approx. 13700 m ³ /h at 300 Pa
Rated speed	n	[min ⁻¹] 930
Motor input power	P_1	[KW] 6.6
Nominal current	I_N	[A] 6.6
Starting current/Nominal current	I_A/I_N	4.0
Ambient operating temperature	t_R	[C°] -20...+50
Fan gross weight	m_{ges}	[kg] 79

Technical description

- Insulation class: F
- Motor protection type: IP10
- Cable length: 4.3 m
- Impeller material: galvanized sheet steel
- Motor suspension: galvanized steel profile, plastic-coated RAL 5003
- Material of spiral casing, inlet cones and protection guards: galvanized sheet steel, plastic-coated RAL 5003
- Motor construction type: voltage-controllable three-phase current external rotor motor with thermal contacts
- Direction of rotation: counter-clockwise viewed from the cable outlet
- Direction of movement: double inlet
- Mounting position: rotor axis horizontal
- Protection guard mounted on both sides
- Available:
 - in various RAL colour tones
 - with motor protection type IP54,
 - with nominal voltage 400 V / 50 Hz, 575 V / 60 Hz

Connection diagram

Star circuit
(Y-Connection)

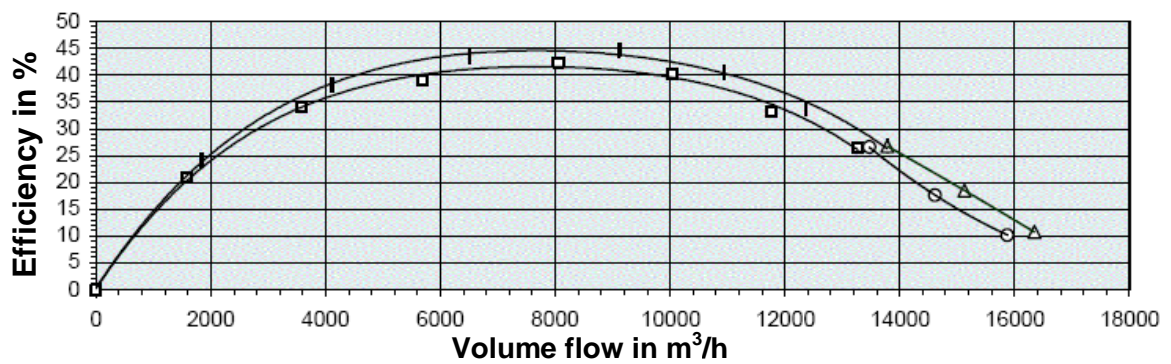
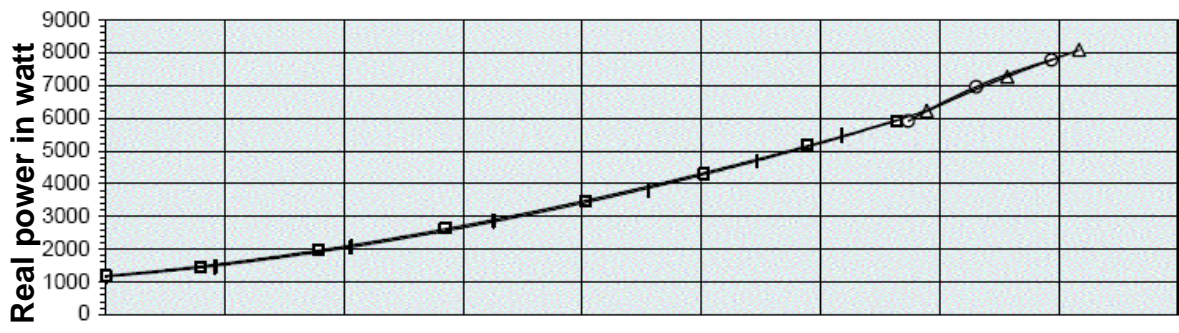
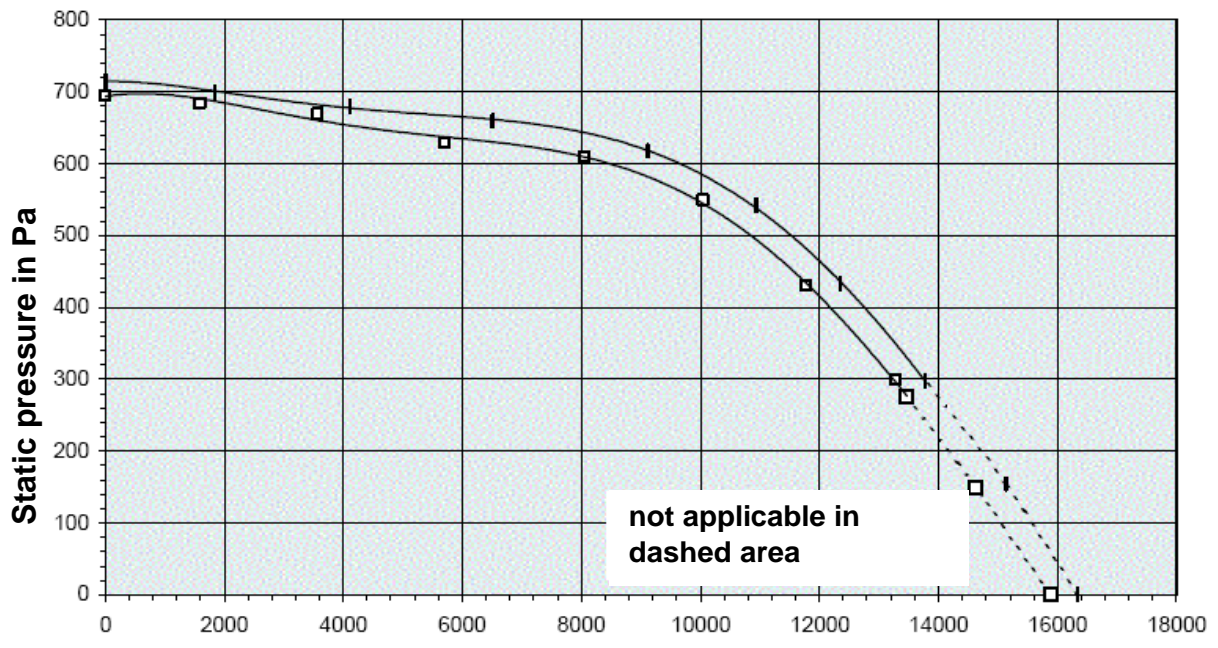


U1	brown
V1	blue
W1	black
U2	red
V2	grey
W2	orange
2xTK	white (not applicable)
PE	yellow/green

Change of rotation direction by exchange of two phases.

Performance curve RC-DRAD 400-6 S 690 V 60 Hz:

Flow rate measurement method according to DIN 1952 VDI
 Inlet test method in test chamber according to DIN 24163



△	690 V/Y/60Hz	□	690 V/Y/60 Hz with inlet grille
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Specific drawing

Gebläse zur Generatorkühlung

ohne Maßstab

Gewicht: 79 kg

RC-DRAD 400-6 S 690 V 60 Hz

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A3

Abgezeichnet			
Gezeichnet			
RC-Technik Ventilatoren GmbH Betrieb-Direkt, Str.20/21 20090 Berlin, (Tampelhof)			

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