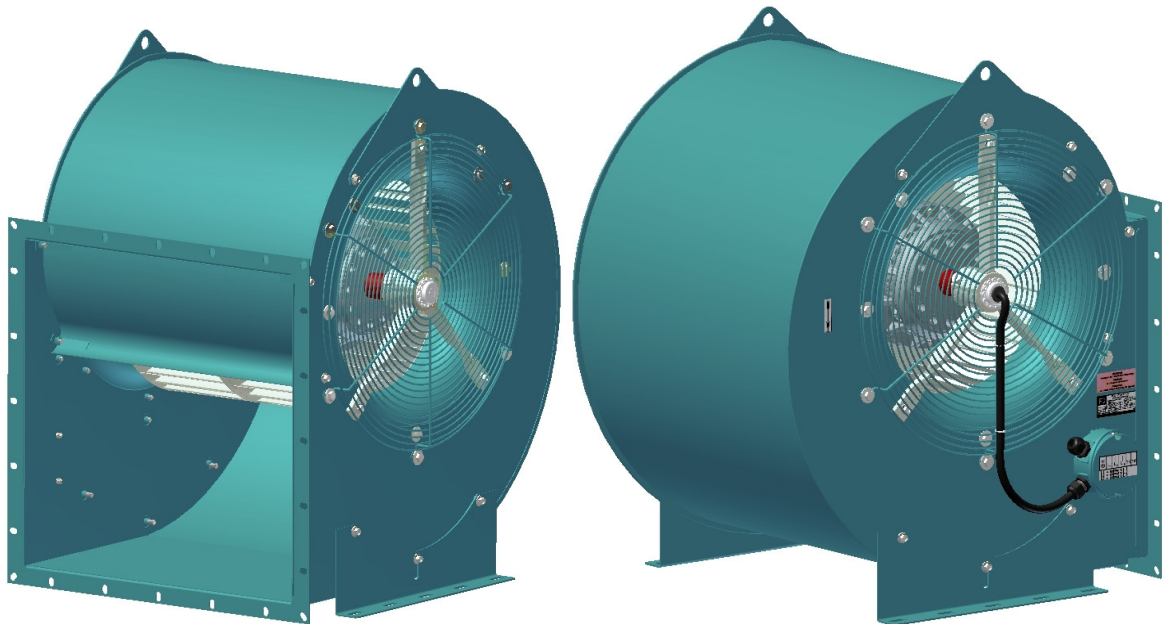


RADIAL BLOWER

double inlet



RC-DRAD 400-6 S 3~575 V/60 Hz



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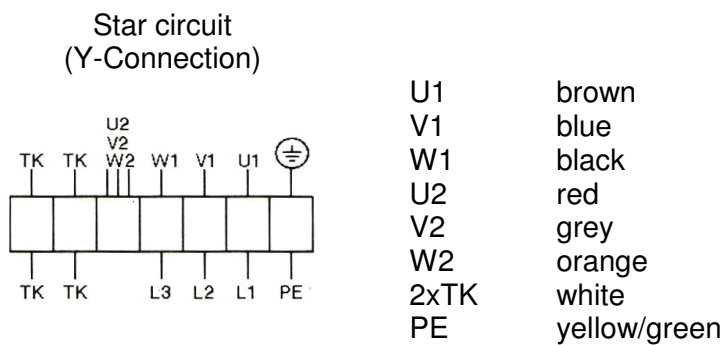
Characteristics

Model (Item number:)		RC-DRAD 400-6 S 502 575 V 60 Hz
Voltage	U	[V] 3~575 (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] 6.2
Nominal current	I_N	[A] 7.9
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

- Impeller material: galvanized sheet steel
- Motor suspension: galvanized steel profile, plastic-coated RAL 5018
- Material of spiral casing, inlet cones and protection guards: galvanized sheet steel, plastic-coated RAL 5018
- Motor construction type: voltage-controllable three-phase current external rotor motor with thermal contacts
- Insulation class: F
- Motor protection type: IP10
- Cable length: 4.3 m
- 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, 690 V / 60 Hz

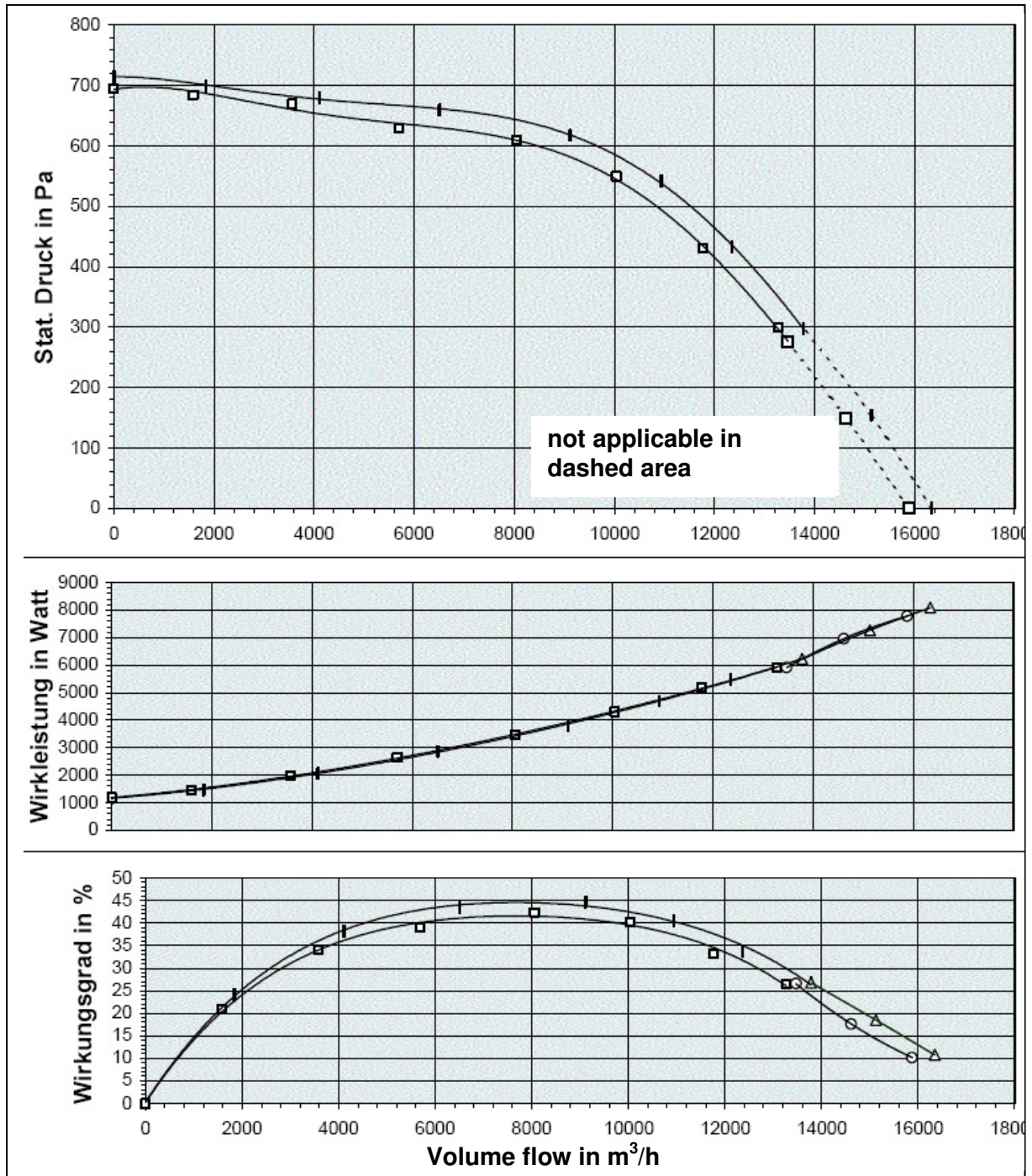
Connection diagram



Change of rotation direction by exchange of two phases.

Performance curve:

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



┆	575 V/Y/60Hz	□	575 V/Y/60 Hz with inlet grille
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