

**Project-No.:**

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**Part-number:** **W2D300CP0840**

**Customer specification:** **Project number /name:**

**Details / Technical Description:**

1. Design
2. Drawing
3. Performance

**Enclosures:**

**Documentation**

**Document**

**Remarks**

Mulfingen, Jan 3<sup>rd</sup>, 2011

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**Design Specification:**
**Project-No.:**


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**Motor:**

design:	Brushless motor with external rotor
stack length:	35 mm
winding layout:	6223
impregnation	Vacuum impregnation
mounting position	Shaft horizontal or motor on bottom, rotor on top on request
condensate discharges	Rotor-side

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**Electrical Data:**

voltage	230/400V	50/60Hz
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**Motor Protection:**

protection features:	Thermal cut-out, cable lead-out
protection class	IP44
insulation class:	"F" acc. to EN 60335-1

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**Impeller:**

air flow direction:	FA
performance	See page 4

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**Bearings:**

type:	Maintenance-free ball bearing, radial sealed 6001 – 2Z
lubricant:	Asonic GHY 72

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**Admissible Ambient Temperature:**

operation:	min: -25 °C	max.: +55 °C at 230/400V / 60Hz
transport and storage:	min: -40 °C	max.: +100 °C

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**Electrical Connection / Wiring:**

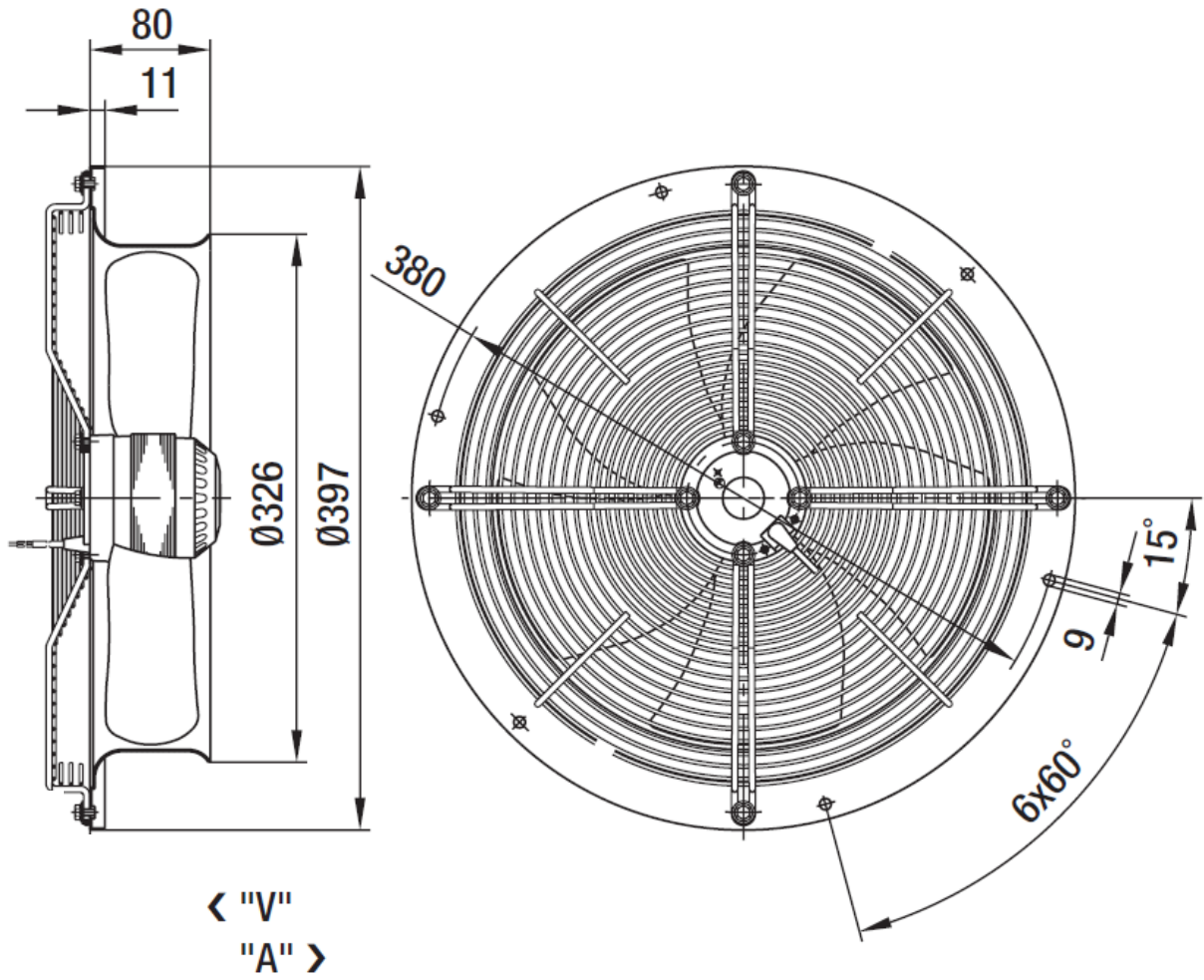
wire type:	Single core PFA AWG20, Ground wire AWG18, Protection : shrink tube
wire length	1200 mm
terminals:	end sleeves
	U1=black
	U2=green
	V1=blue
	V2=white
	W1=brown
	W2=yellow
	Ground=yellow/green
	TOP= grey (two times)

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**Approval:**

accord. to	UL1004
accord. to	CSA22.2 No:100

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< "V"  
"A" >

Performance testing of fans

Installation category A accord. to ISO 5801, DIN 24163, DIN EN ISO 5167-1

