Preliminary Product Documentation

Project-No.:

ebm-papst Mulfingen GmbH & Co
Bachmühle 2 · 74671 Mulfingen
Phone 07938 / 81-0
Fax 07938 / 81-110

ebm-papst Mulfingen GmbH & Co KG Bachmühle 2 74673 Mulfingen



Prepared by: Oliver Florek
Sales engineer
Dept.: V3 – Americas & Asia
Phone: 07938 / 81-350
Email: oliver.florek@de.ebmpapst.com
Fax: 07938 / 81-9350

Part-number: **W2D300CP0840**

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

Details / Technical Description:

1. Design
2. Drawing
3. Performance

Enclosures:

Documentation	Document	Remarks

Mulfingen, Jan 3rd, 2011

We reserve the right to implement design modifications for series production level

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

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

Electrical Data:

voltage	230/400V	50/60Hz

Motor Protection:

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

Impeller:

air flow direction:	FA
performance	See page 4

Bearings:

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

Admissible Ambient Temperature:

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

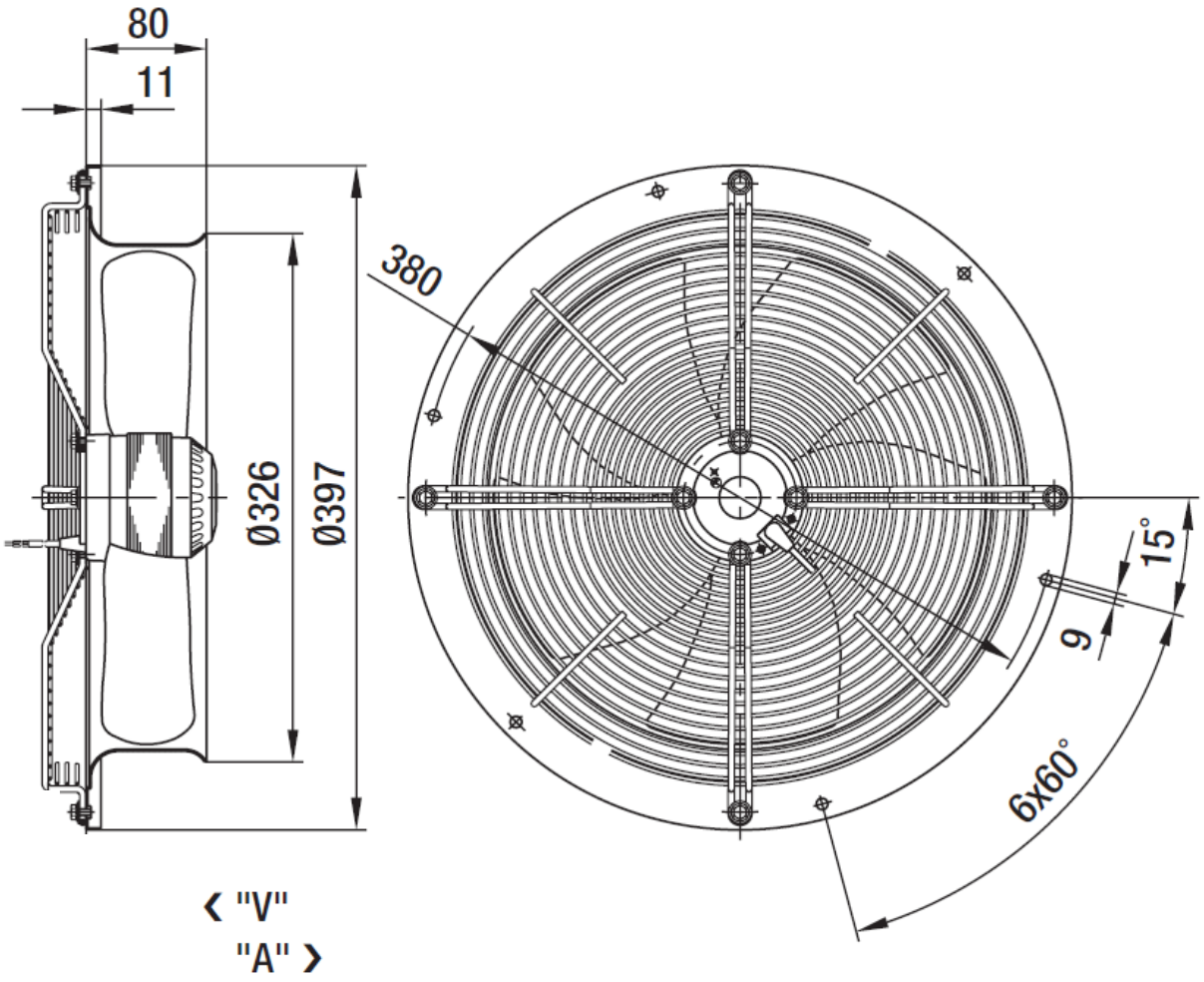
Electrical Connection / Wiring:

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)

Approval:

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

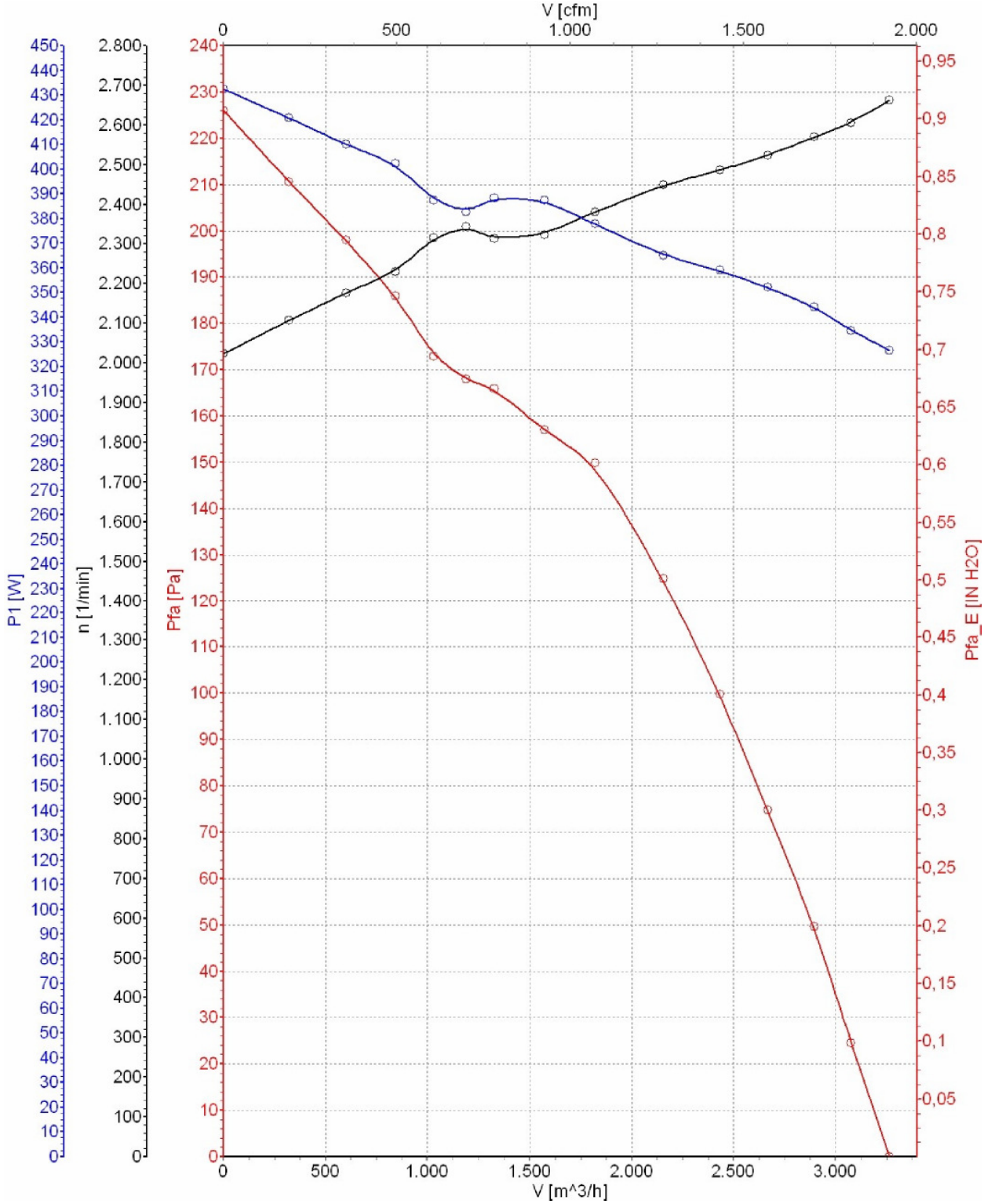
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Performance testing of fans

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



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