ebm-papst Ventilator (Shanghai) Co., Ltd.
依必安派特风机（上海）有限公司
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上海市杨高北路 2001 号（新海关内）外高桥保税区
华京路 418 号

SPECIFICATION FOR APPROVAL

Fan Type: **G4D310-DK03-05/F02**
Description: 400V, three phases, dia. 310mm, centrifugal fan with housing
Version ： 1

1. Characters

ITEM	DESCRIPTION
Nominal voltage	Y3～400V
Nominal frequency	50Hz
Nominal power input	2180W
Nominal current draw	3.9A
Nominal speed	1310RPM
Nominal ambient temperature	-25℃ to +55℃
Insulation class	F
Type of protection	IP54
Life expectance	L_{10}=40000 hours at 40℃
	L_{10}=33920 hours at 55℃
Rotation	Counter-clockwise, seen on rotor
Motor protection	Design with thermal overload protector
	""TOP" information: Rated voltage: 250V Rated frequency: 50/60Hz Rated current: 2.5A Switch off: 140°C±5K Recover: 110°C±15K Life time: 10000 cycles
Impeller	Ø310mm, Galvanized sheet steel
Mode of operation	Continuous operation(S1)
Bearings	Ball bearing
Protection class	I(acc. to EN61800-5-1)
Approvals	VDE(acc.to EN60034-1)
Cable	1200±80mm, 6 wires
	Direction: from the diagonal direction of fan exit

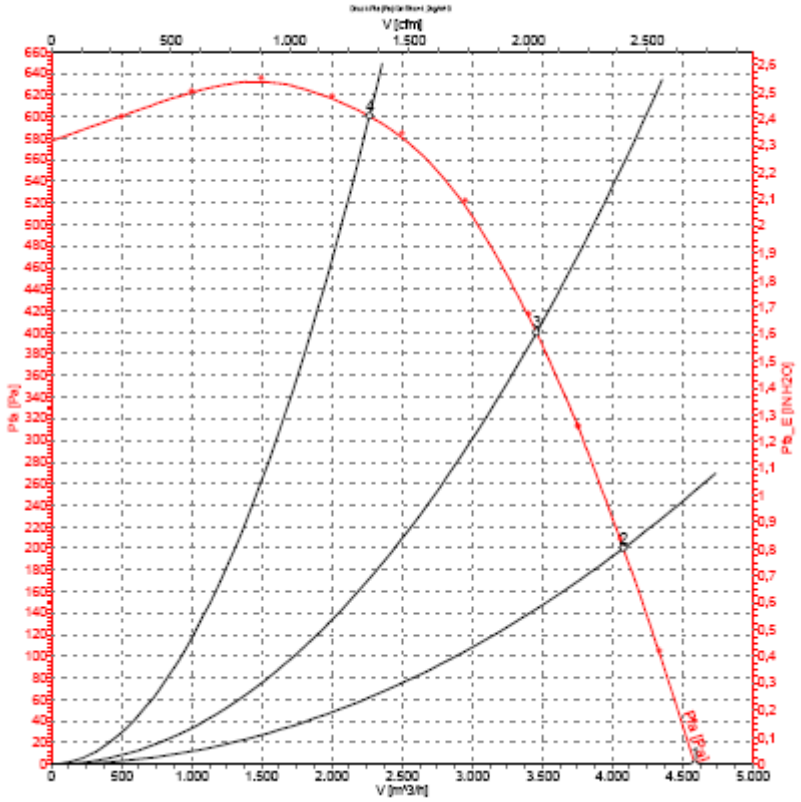
2. Configuration and others

1) Include motor, housing, guard grill, airproof pad
2) The motor is assembled on the assembly board in advance
3) Coating: RAL7035

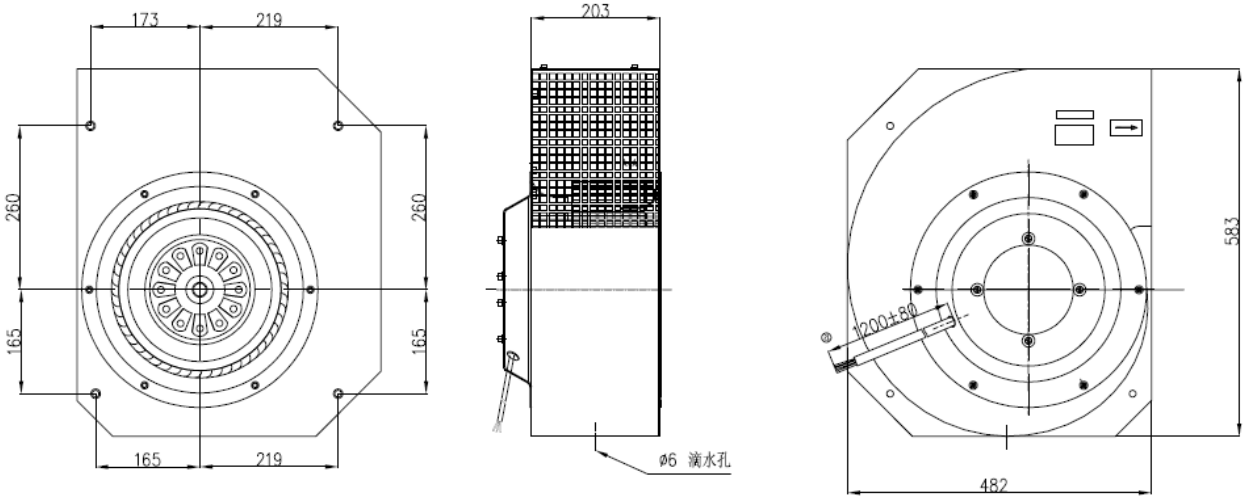
3. Salt Spray test

Class 3 test, according the GB2423.18-2000

4. Air performance



5. Profile drawing



6. Power Line

U = black TK = gray
V = blue TK = gray
W= brown PE = yellow/green
From rotor side :
CW ： U-L1 V-L2 W-L3
CCW： U-L2 V-L1 W-L3