

SPECIFICATION FOR APPROVAL

Fan Type:

Description: 400V, three phases, dia. 310mm, centrifugal fan with housing

Version : 2

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℃±5K Recover: 110℃±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

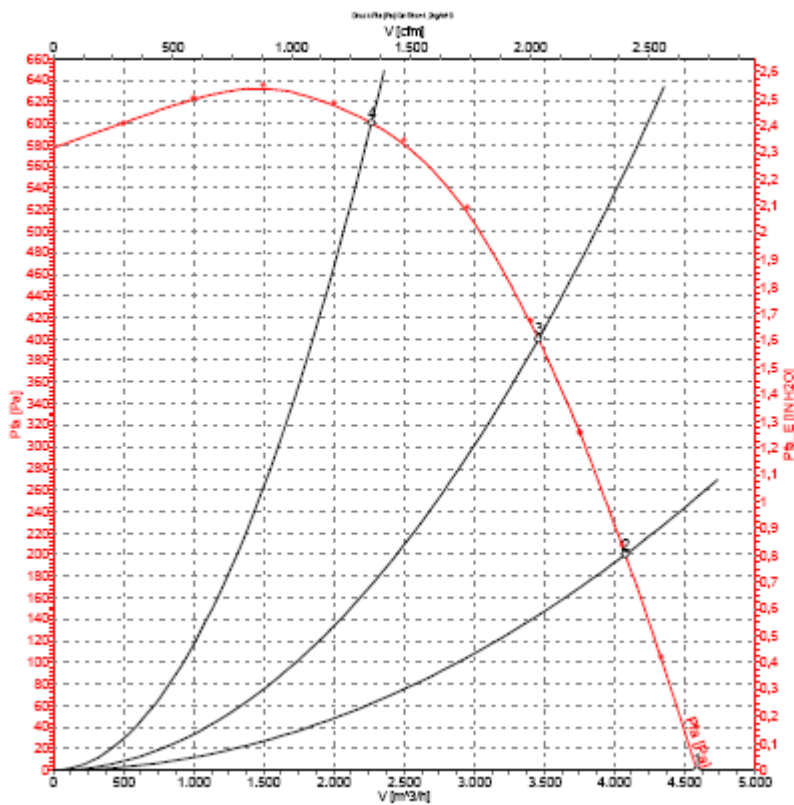
2. Configuration and others

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

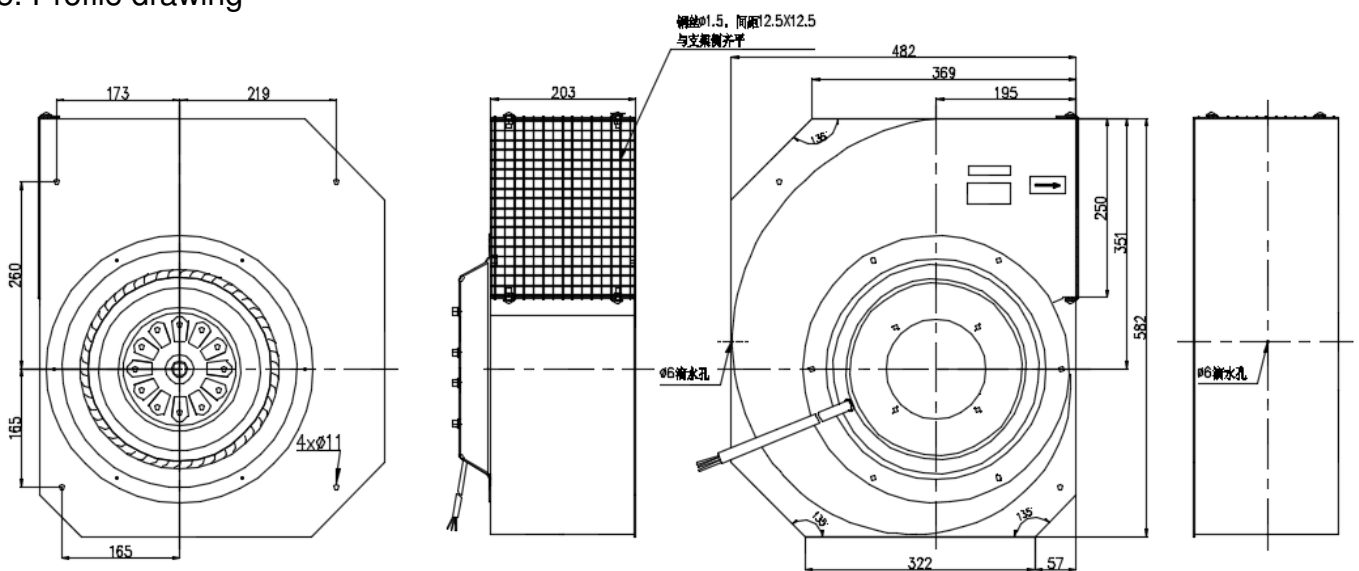
3. Salt Spray test

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