

SPECIFICATION FOR APPROVAL

Fan Type: **G4D355-CM15-XA/F02**

Motor: **M4D138-LA**

Description: 400V, three phases, dia. 355mm, centrifugal fan with housing

Version: 2

1. Characters

ITEM	DESCRIPTION
Nominal voltage	Y 3~400V
Nominal frequency	50Hz
Nominal power input	4380W
Nominal current draw	7.9A
Nominal speed	1320RPM
Nominal ambient temperature	-25℃ to +65℃
Max. air flow(at zero static pressure)	6620m ³ /h
Insulation class	F
Type of protection	IP54
Life expectance	L ₁₀ =40000 hours at 40℃
	L ₁₀ =33920 hours at 55℃
Rotation	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	Ø355mm, Galvanized sheet steel
Mode of operation	Continuous operation(S1)
Bearings	Ball bearing
Protection class	I(acc. to EN61800-5-1)
Product conforming to standard	CE
Approvals	VDE(acc.to EN60034-1)
Cable	1200mm,6 wires
	Direction: from the diagonal direction of fan exit
	From the terminal,100mm outside protection is got rid of
	Including: 3 phase wire. U, V, W is connected internally
Terminal	Grounding wire:Ø5mm ring type
	Other 5 wires :pipe type

2. Configuration and others

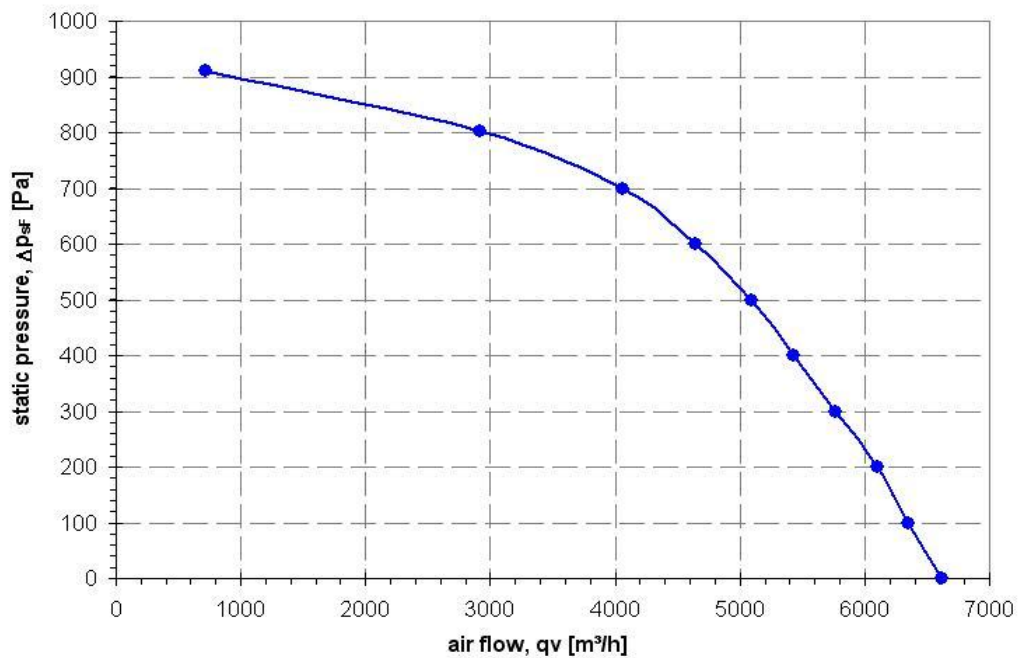
- 1) Including motor, housing, guard grill, airproof pad and assembly handle
- 2) The motor is assembled on the assembly board in advance
- 3) Coating: RAL7035 or close color

3. Salt Spray test

Class 3 test according the GB2423.18-2000

4. P & Q Curve and Noise data

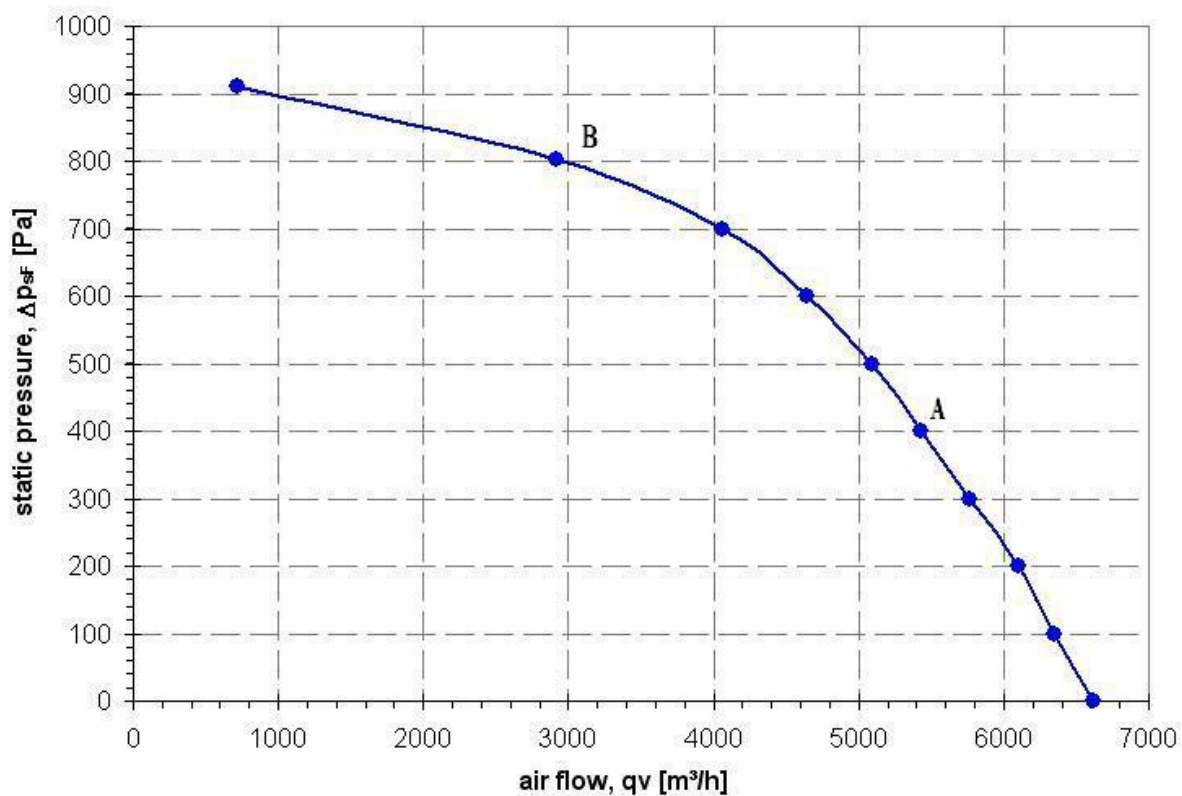
P & Q Curve



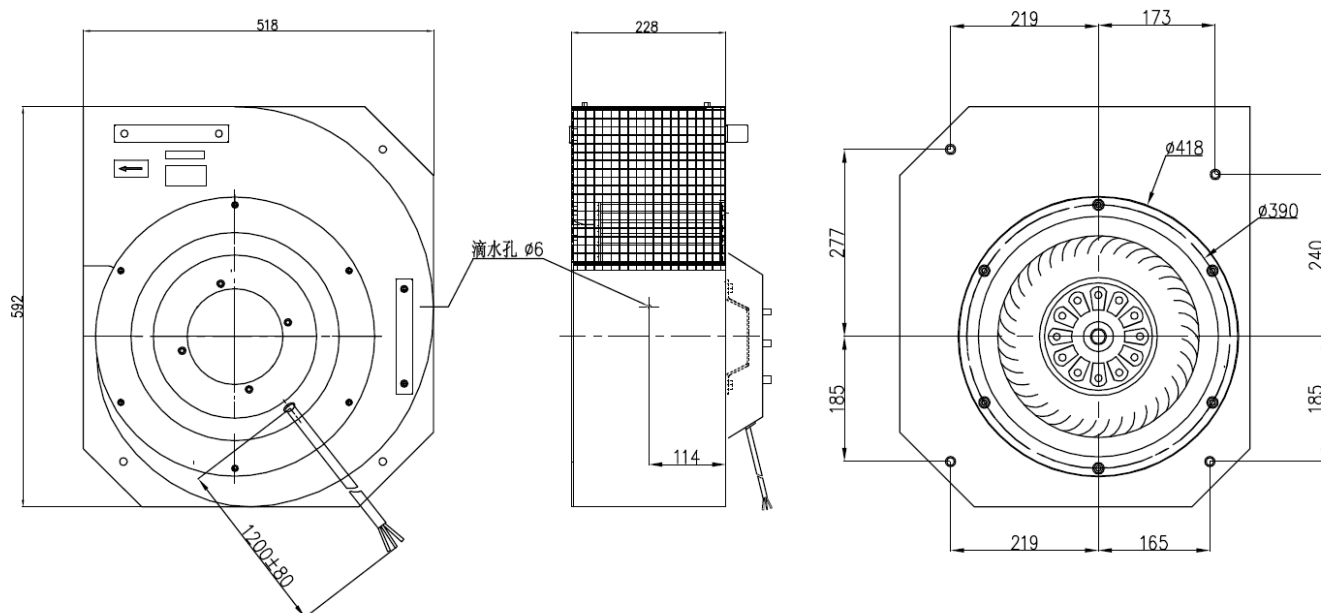
Noise data:

Point A: 86dB(A), 400Pa

Point B: 80dB(A), 800Pa



5. 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