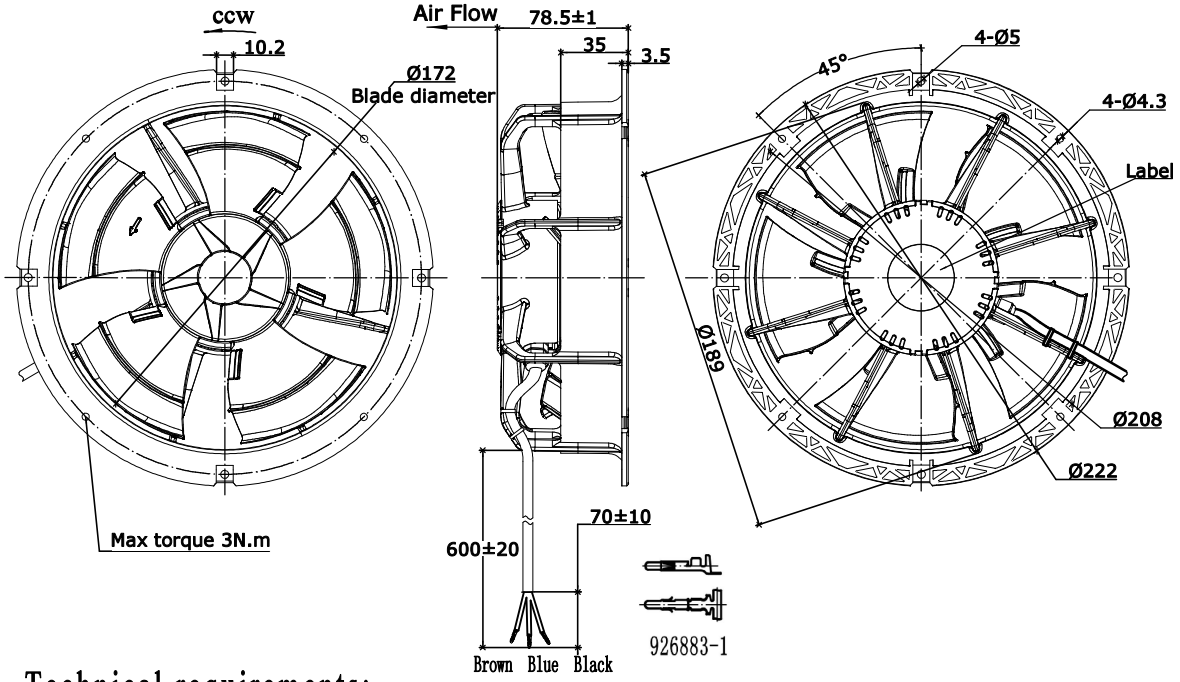
FILE NO	FL434



Technical requirements:

1.Fan flexible rotation, no clamping stagnation, abnormal sound and other bad phenomenon;

2.No oil and glue mark on the surface of the fan, no defects such as obvious deformation,mechanical mar,etc;

3.Lead wires surface without damage, the length according to the requirements of the drawings;

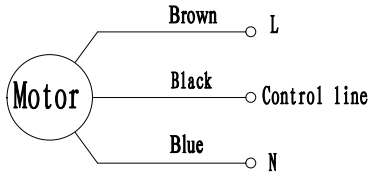
4.The motor is BLDC , it's protection functions include blocking protection,soft start,current-limiting protection ;

5.Rotation direction: The fan rotates ccw viewed from rotor;

6. 2 speeds programmed through NFC;

7.Main technical parameters of the fan according to the preceding table:

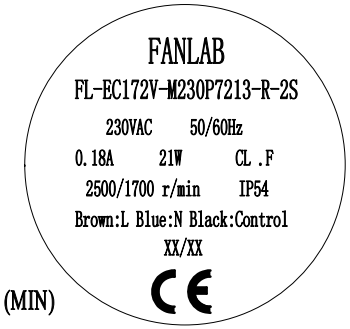
Wiring diagram:



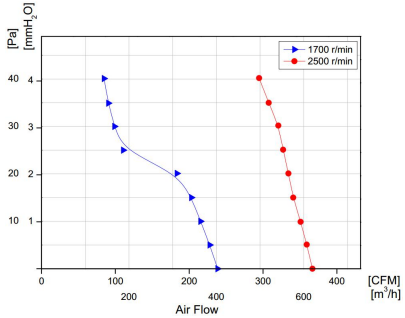
Black line open: n1 speed (Max)

Black line connecte with blue line or brown line: n2 speed (MIN)

Label:



Performance curve:



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SPECIFICATION

MOTOR	Electronically Commutated Motor		
MOTOR TYPE	FL-EC172V-M230P7213-R-2S		
VOLTAGE (V)	230	MAX AiR flow (m^3/h)	550±10%
FREQUENCY (Hz)	50/60	Noise(dBA)	≤63
INPUT POWER (W)	21±10%		
CURRENT (A)	0.18		
SPEED (r/min)	2500/1700		
FAN BLADES	Ø172		
ROTATION	CCW (looking towards the shaft)		
AIRFLOW DIRECTION	Sucking		
INSULATION CLASS	F		
TEMPERATURE RISE	50K max (with load)		
PROTECTION CLASS	IP 54		
OPERATING TYPE	S1		
MOUNTING TYPE	Horizontal or Vertical		
AMBIENT TEMPERATURE	-30°C +50°C		
BEARINGS	Ball bearings		
ELECTRICAL CONNECTION	VDE(H03VV-F) 3×0.5mm² lead wire 600±20mm free length,with 3TYCO terminals 926883-1		
HI-POT TEST	3600V 1s		
WEIGHT PER UNIT	0.48kg		
PACKING	40PCS/CTN		
LIFE EXPECTANCY	50000 hours		

	SIGN	DATE
DRN.BY	SUNJIE	2024/03/04
CHD.BY		
ENG.BY		
APP.BY		

FL-EC172V-M230P7213-R-2S

FL434

SCALE:

SHEET: 1 of