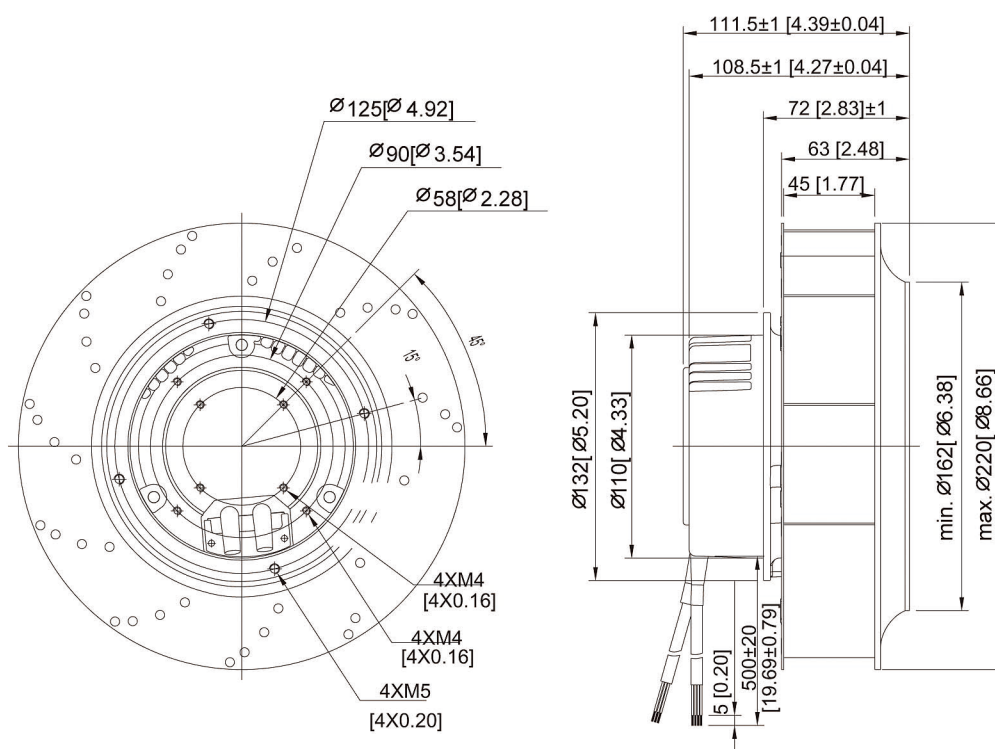


MOTOR
IMPELLER
BEARING
INSULATION
OPERATING TEMPERATURE
INSULATION RESISTANCE
DIELECTRIC STRENGTH
WEIGHT
ROHS COMPLIANCE

Outer rotor motor Ø92mm
Plastic PA6.6
Ball
Class A
-20 °C to +65 °C
10M Ohms Min. @500VDC
5mA Max.at 500 VAC for 1 minute
2.15 kg
YES



UNIT:mm[inch]

MODEL NO.	RATED VOLTAGE(V)	FREQUENCY (Hz)	RATED CURRENT (A)	INPUT POWER(W)	SPEED (RPM)	MAX. AIR PRESSURE		MAX. AIR FLOW		NOISE dB(A)@1M
						inchH ₂ O	mmH ₂ O	CFM	m ³ /min	
ECF220112V2SHB	230	50	0.8	120	3100	2.19	55.7	502	14.22	69
ECF220112V2HB	230	50	0.6	88	2800	1.81	45.9	450	12.76	65

ECF220112

inch/H₂O mm/H₂O

STATIC PRESSURE

SH

H

0 2.83 5.66 8.49 11.32 14.15 16.98 m³/min

0 100 200 300 400 500 600 CFM

AIR FLOW

Detailed description: This is a performance graph for the ECF220112 fan. The y-axis represents Static Pressure in both inch/H₂O (0 to 2.36) and mm/H₂O (0 to 60). The x-axis represents Air Flow in both m³/min (0 to 16.98) and CFM (0 to 600). Two performance curves are shown: 'SH' (Standard) and 'H' (High). The 'SH' curve starts at approximately 1.97 inch/H₂O at 0 CFM and drops to 0 at 500 CFM. The 'H' curve starts at approximately 1.57 inch/H₂O at 0 CFM and drops to 0 at 500 CFM. Both curves show a slight increase in static pressure between 200 and 300 CFM before dropping again.

Air Flow (CFM)	Air Flow (m ³ /min)	Static Pressure (inch/H ₂ O) - SH	Static Pressure (mm/H ₂ O) - SH	Static Pressure (inch/H ₂ O) - H	Static Pressure (mm/H ₂ O) - H
0	0	1.97	50	1.57	40
100	2.83	1.57	40	1.18	30
200	5.66	1.18	30	0.79	20
300	8.49	1.18	30	0.79	20
400	11.32	0.79	20	0.39	10
500	14.15	0	0	0	0