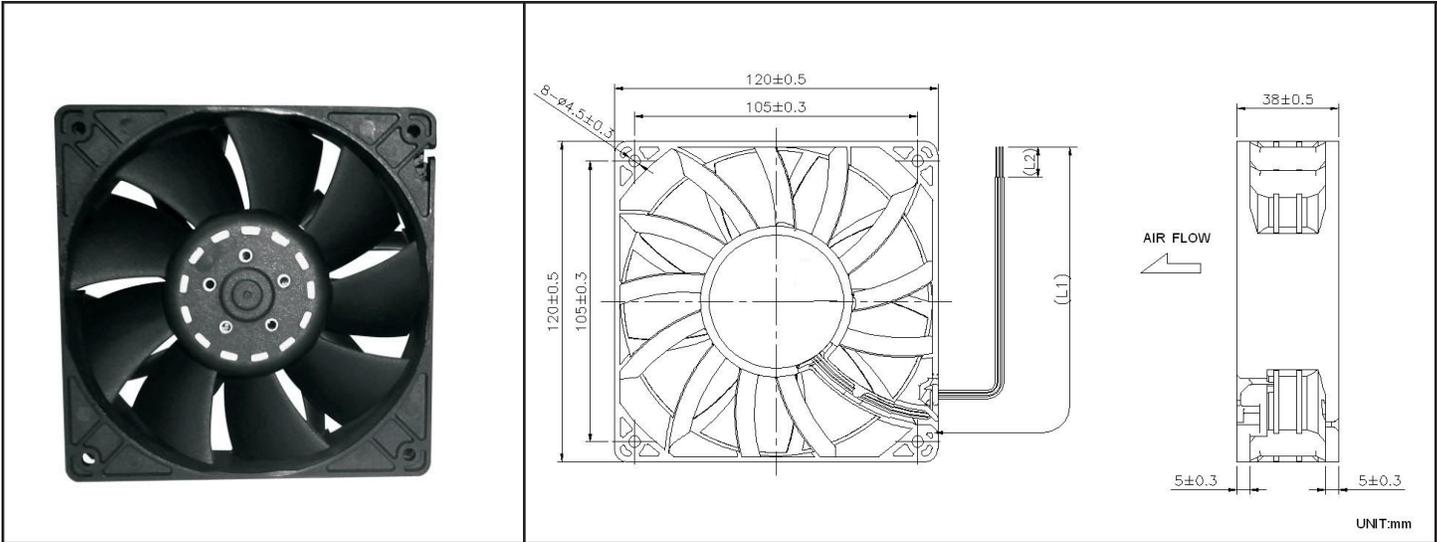


OD1238 XJ Series

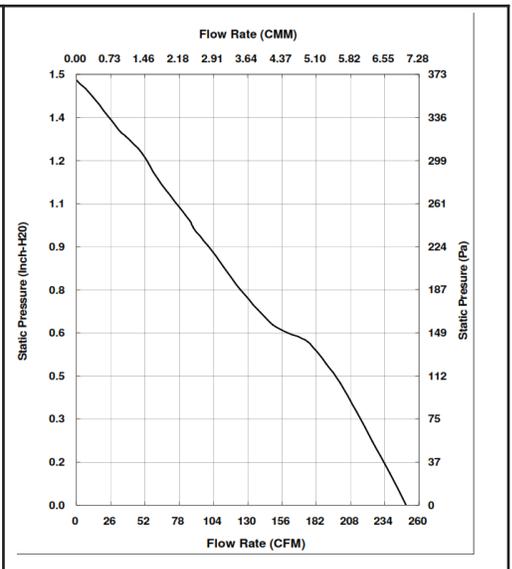


DC Fan 12V

120x38mm (4.7"x 1.5")

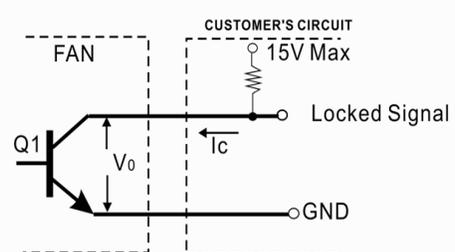


Frame & Impeller	PBT, UL94V-O plastic	Tachometer - Open Collector Weight: ~ 375 g * Connection UL1007, 24AWG, ~320mm Red (+) Black (-) White Tachometer
Connecion	3x Lead wires *	
Motor	Brushless DC, auto restart, polarity protected.	
Bearing System	Dual ball bearing	
Insulation Resistance	Min. 10M at 500VDC	
Dielectric Strength	1 minute at 500 VAC, max leakage < 500 MicroAmp	
Temperature Range	-10C ~ +70C	
Storage Temperature	-40C ~ +80C	
Life (L10)	70,000 hours (40C)	m1



Part Number	OD1238-12HBXJ01A
Nominal Voltage	12V DC
Voltage Range	7 ~ 13.2V DC
Rated Current	3.70 A
Rated Power	44.4 W
Rated Speed (RPM)	6000
Airflow (CFM)	250
Noise Level (dB)	69
Max. Static Pressure	1.48" H2O

*Output type.....Open collector type
 *Electrical design suggestion:



*Transistor Q1 at "ON" position
 Collector current..... $I_C=10\text{mA Max}$
 Saturation Voltage..... $V_{OL}=1.0\text{V Max}$
 (Between Collector and Emitter at $I_C=10\text{mA}$)
 *Transistor Q1 at "OFF" position
 Release Voltage..... $V_{OH}=15\text{V Max}$