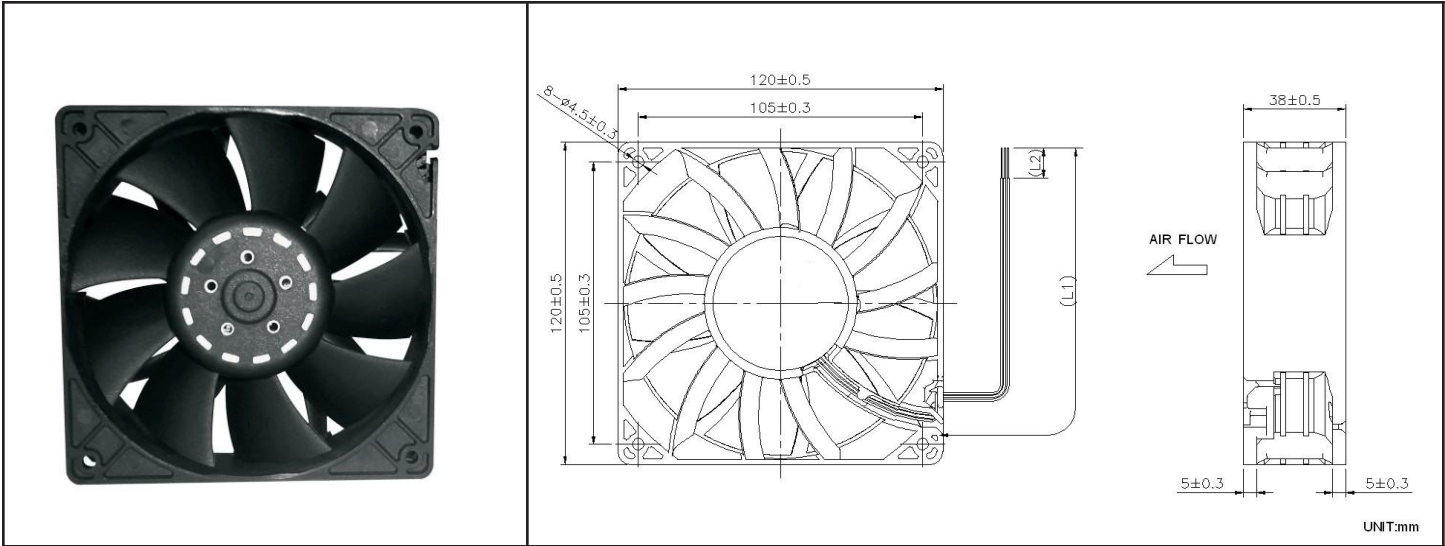


# OD1238 XJ Series

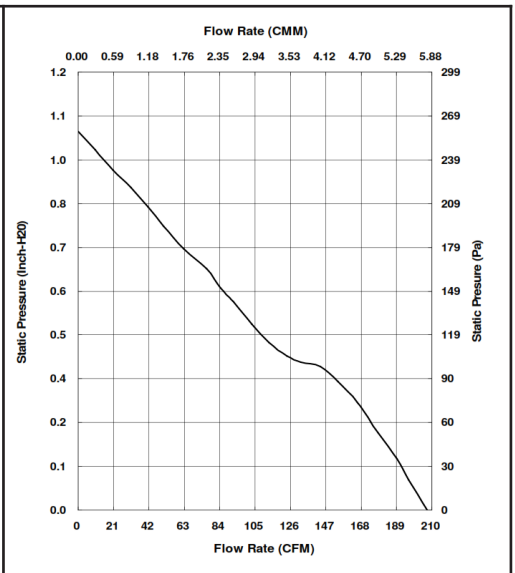


DC Fan 12V

120x38mm (4.7"x 1.5")

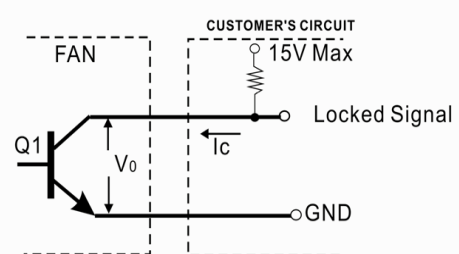


Frame & Impeller	PBT, UL94V-O plastic	Tachometer - Open Collector  Weight: ~ 375 g  * Connection UL1007, 24AWG, ~320mm Red (+) Black (-) White Tachometer  m1
Connecion	3x Lead wires *	
Motor	Brushless DC, auto restart, polarity protected.	
Bearing System	Dual ball bearing	
Insulation Resistance	Min. 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)	



Part Number	OD1238-12MBXJ01A
Nominal Voltage	12V DC
Voltage Range	7 ~ 13.2V DC
Rated Current	2.30 A
Rated Power	27.6 W
Rated Speed (RPM)	5000
Airflow (CFM)	207
Noise Level (dB)	63
Max. Static Pressure	1.04" 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..... $V_{OH}=15\text{V Max}$