



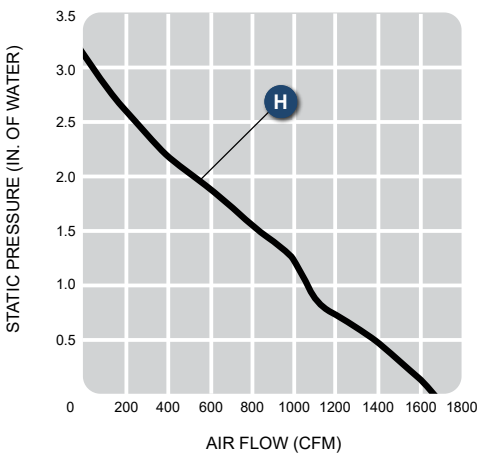
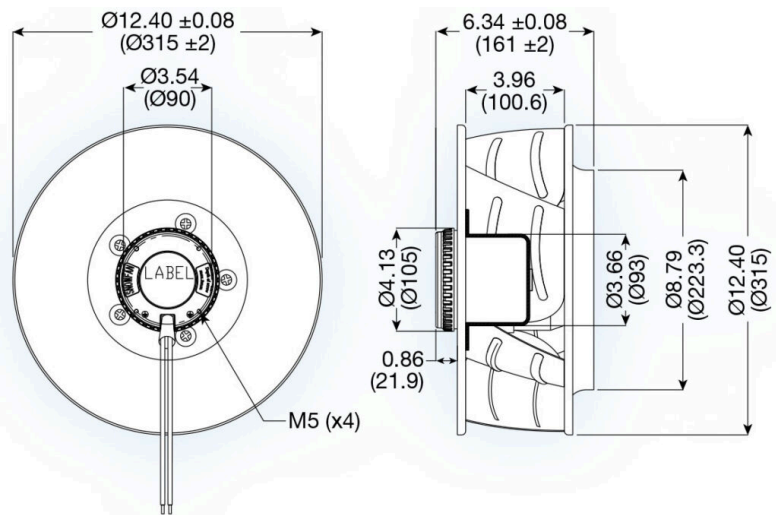
MECHATRONICS MSI3116 SERIES

315mm dia x 161mm DC Motorized Impeller

Specifications	
Series	MSI3116
Product Type	DC Motorized Impellers
Dimensions	315mm dia x 161mm 12.40in dia x 6.34in
Rated Voltage	48VDC
Weight	3.00 kg
Frame Construction	Die-cast Aluminum Motor Base
Impeller Construction	UL94V-0 Plastic
Motor Type	Brushless DC
Airflow	Radial
Motor Protection	Reverse polarity protection, Locked rotor protection
Storage Temp	-40°C ~+70°C
Operating Temp	-10°C ~+70°C
Insulation Class	Class A

Available Options	
Bearing Options	Ball bearing
Connection Options	Lead wires
Protection Options	Conformal coating, Parylene coating, IP68
Additional Options	Tachometer Output, 0-10VDC + PWM Speed Control

Accessories	
Inlet Rings	IR-318 Inlet Rings



Model Number	Rated Voltage	Input Power	Rated Current	Speed	Air Volume		Max Static Pressure (H ₂ O)		Sound Noise
	V	W	A	RPM	m ³ /min	CFM	mm/H ₂ O	in/H ₂ O	dBA
MSI3116H48	48VDC	422.4	8.80	2,100	47.43	1,675	80.01	3.15	76