

General Specifications

Motor Structure: Capacitor-Run Induction Motor

Motor Protection: Thermal Protection

Insulation Resistance:

100M Ω or over with a DC500V Megger

Dielectric Withstand Voltage: AC 1800V 3s

Allowable Ambient Temperature Range:

-10°C ~ +60°C (Operating)

-40°C ~ +70°C (Storage)

(non-condensing environment)

Expected Life

Failure Rate: 10%

25°C 50,000 Hours

Material

Casing : Aluminum

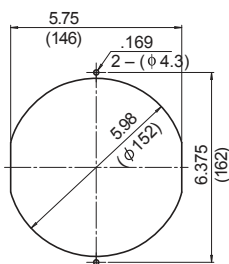
Impeller : Steel

Bearing : Ball Bearing

Terminal : Faston #110 or equivalent

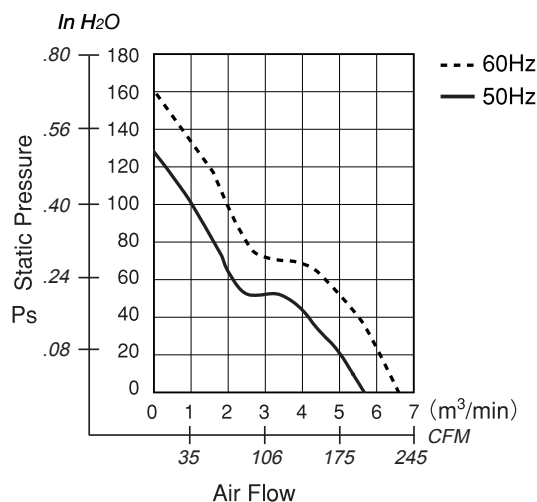
Panel Cut-Outs

Units: inch
(mm)

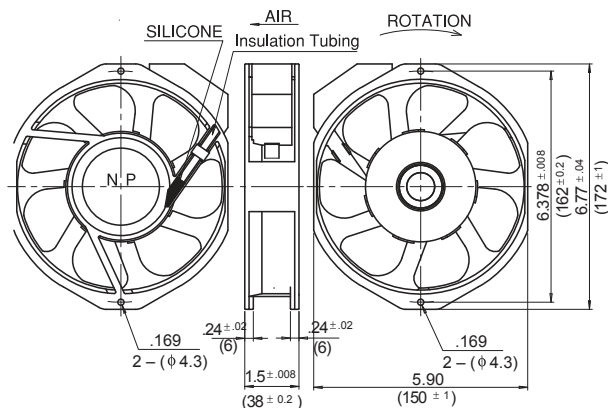


INLET SIDE / OUTLET SIDE

Characteristic Curves



Outline



Specifications

MODEL	Rated Voltage	Frequency	Starting Voltage	Current	Input Power	Speed	Max. Air Flow		Max. Static Pressure		Noise	Mass
	(V)	(Hz)	(V)	(A) ^{*1}	(W) ^{*1}	(min ⁻¹) ^{*3}	CFM	(m ³ /min) ^{*3}	in H ₂ O	(Pa) ^{*3}	(dB) ^{*2}	(g)
5915PC-10T-B30-SM0	100	50	65	0.530	42.0	2650	187.10	5.30	0.510	127.5	48	950
5915PC-10T-B30-SM0	100	60	65	0.450	40.0	3150	222.39	6.30	0.655	163.8	53	950
5915PC-12T-B30-SM0	115	50	75	0.450	40.0	2650	187.10	5.30	0.510	127.5	48	950
5915PC-12T-B30-SM0	115	60	75	0.400	38.0	3150	222.39	6.30	0.655	163.8	53	950
5915PC-20T-B30-SM0	200	50	130	0.250	42.0	2650	187.10	5.30	0.510	127.5	48	900
5915PC-20T-B30-SM0	200	60	130	0.230	40.0	3150	222.39	6.30	0.655	163.8	53	950
5915PC-22T-B30-SM0	220	50	145	0.250	42.0	2650	187.10	5.30	0.510	127.5	48	900
5915PC-22T-B30-SM0	220	60	145	0.230	40.0	3150	222.39	6.30	0.655	163.8	53	950
5915PC-23T-B30-SM0	230	50	150	0.220	42.0	2650	187.10	5.30	0.510	127.5	48	950
5915PC-23T-B30-SM0	230	60	150	0.200	40.0	3150	222.39	6.30	0.655	163.8	53	950
5915PC-24T-B30-SM0	240	50	155	0.200	39.0	2650	187.10	5.30	0.510	127.5	48	950
5915PC-24T-B30-SM0	240	60	155	0.200	39.0	3150	222.39	6.30	0.655	163.8	53	950

Rotation: Counterclockwise

Airflow Outlet: Air Out Over Struts

*1: Maximum Values in Free Air

*2: Average Values in Free Air

*3: Minimum Values in Free Air