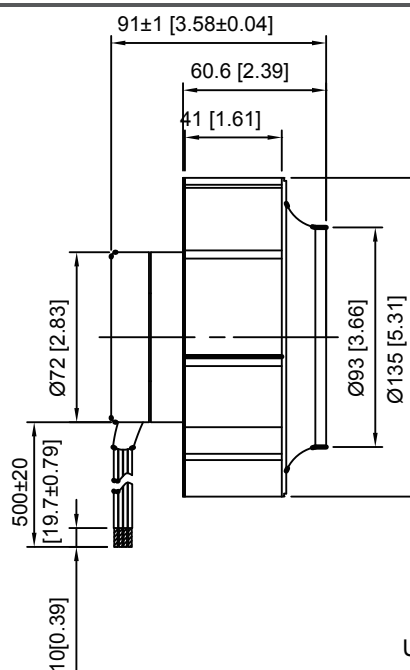


Outer rotor motor Ø72mm
Plastic Impeller
Ball
Lead Wire
0°C to +65°C
10M Ohms Min. @500 VDC
5mA Max. at 1500VAC for 1 second
740g
Yes



UNIT:mm[inch]

MODEL NO.	RATED VOLTAGE (V)	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	
DCF13391V24SH-PB	24	1.63	39	4450	1.96	49.80	241	6.82	74
DCF13391V24H-PB	24	1.17	28	3900	1.52	38.61	212	6.00	63
DCF13391V48SH-PB	48	0.81	39	4450	1.96	49.80	241	6.82	74
DCF13391V48H-PB	48	0.58	28	3900	1.52	38.61	212	6.00	63

DCF13391-PB

inch/H₂O mm/H₂O

STATIC PRESSURE

SH

H

0 0.35 0.71 1.06 1.42 1.77 2.13

0 50 100 150 200 250 300

CFM

0 1.42 2.83 4.25 5.66 7.08 8.49

m³/min

AIR FLOW

Detailed description: This is a performance graph for the DCF13391-PB fan. The y-axis represents Static Pressure in both inch/H₂O (0 to 2.13) and mm/H₂O (0 to 54). The bottom x-axis represents Air Flow in CFM (0 to 300), and the top x-axis represents Air Flow in m³/min (0 to 8.49). Two performance curves are shown: a red curve for the SH series and a blue curve for the H series. The SH curve starts at approximately 1.8 inch/H₂O at 0 CFM and ends at 7.08 m³/min (250 CFM). The H curve starts at approximately 1.42 inch/H₂O at 0 CFM and ends at 5.66 m³/min (200 CFM). Both curves show a slight plateau in pressure between 100 and 150 CFM before dropping sharply.

Air Flow (CFM)	Air Flow (m ³ /min)	SH Static Pressure (inch/H ₂ O)	H Static Pressure (inch/H ₂ O)
0	0	1.8	1.42
50	1.42	1.42	1.06
100	2.83	1.06	0.71
150	4.25	0.9	0.71
200	5.66	0.5	0.35
250	7.08	0	-