

sDF

50-3P

Ø50mm(Ø1.97")



HOUSING
IMPELLER
BEARING
OPERATING TEMPERATURE
DIELECTRIC STRENGTH
INSULATION RESISTANCE
MOTOR TYPE
ROHS COMPLIANCE
IP LEVEL

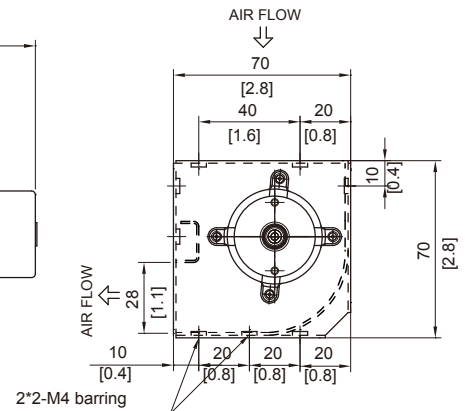
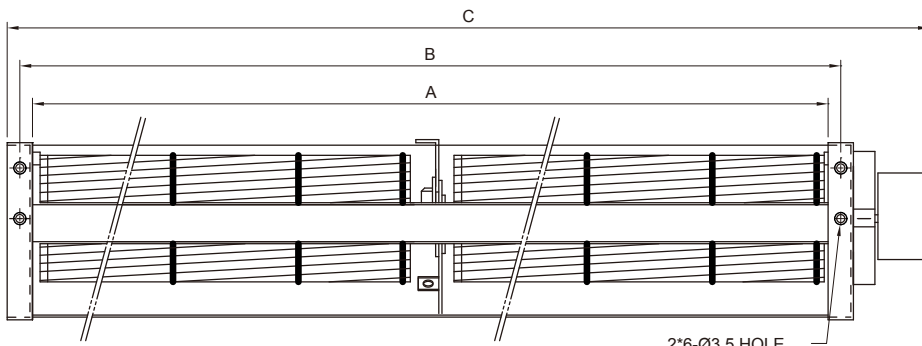
Metal/Aluminum
Aluminum, Ø50mm
Ball
0°C to + 45°C
5mA Max. at 500 VAC for 1 minute
10M Ω min. @500 VDC
DC Brushless Motor
Yes
IP21 (Special IP Rating On Request)

* FAN IS FOR HORIZONTAL USE ONLY *
⊙ Double impeller

50mm

50 mm

DIMENSION



MODEL NO.	DIMENSION(mm)				WEIGHT(g)
	A	B	C	D	
sDF50098-3P	98	108	148	38	370
sDF50198-3P	198	208	248	38	470
sDF50298-3P	298	308	348	38	590
sDF50358-3P	358	368	408	38	660
sDF50428-3P	428	438	478	38	730
sDF50610-3P	610	620	665	56	1030
sDF50730-3P	730	740	785	56	1140
sDF50870-3P	870	880	925	56	1250

2*6-Ø3.5 HOLE
[2*6-Ø0.13] HOLE

2*2-M4 barring

UNIT:mm[inch]

SPECIFICATION

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	
sDF50098V24HB-3P	24	0.13	3.12	2600	0.232	5.9	45.94	1.3	37
sDF50198V24HB-3P	24	0.31	7.44	2500	0.185	4.7	88.34	2.5	43
sDF50298V24HB-3P	24	0.35	8.40	2200	0.169	4.3	123.67	3.5	44
sDF50358V24HB-3P	24	0.26	6.24	1800	0.146	3.7	134.28	3.8	36
sDF50428V24HB-3P	24	0.27	6.48	1700	0.130	3.3	148.41	4.2	35
sDF50610V24HB-3P ⊙	24	0.45	10.80	2050	0.083	2.1	194.35	5.5	40
sDF50730V24HB-3P ⊙	24	0.49	11.28	2000	0.094	2.4	233.22	6.6	40
sDF50870V24HB-3P ⊙	24	0.53	12.72	1950	0.075	1.9	264.48	7.4	39

AIR PERFORMANCE

