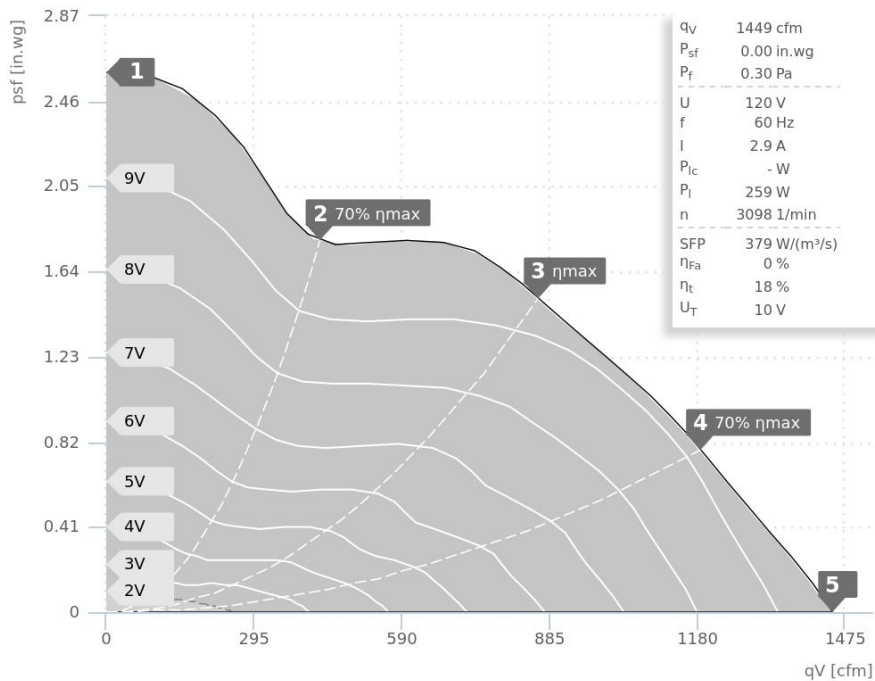


DATA SHEET

ruck
AIR MOVEMENT

12" Prime Evo EC | 147716



q_V	1449 cfm
P_{sf}	0.00 in.wg
P_f	0.30 Pa
U	120 V
f	60 Hz
I	2.9 A
P_{lc}	- W
P_l	259 W
n	3098 1/min
SFP	379 W/(m ³ /s)
η_{Fa}	0 %
η_t	18 %
U_T	10 V



- Mixed flow fan with high efficiency rates
- Best aerodynamic design
- 3D shaped impeller blades
- Corrosion resistant plastic housing
- Powerful EC motor
- Including mounting bracket

Operating Point		1	2	3	4	5
Current I	A	0,0	0,0	0,0	0,0	0,0
Power consumption P_l	W	-	-	-	-	-
Rotation speed n	1/min	-	-	-	-	-
SWL inlet L_{WA5}	dB(A)	-	-	-	-	-
SWL outlet L_{WA6}	dB(A)	-	-	-	-	-
SWL casing break out L_{WA2}	dB(A)	-	-	-	-	-

Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L_{WA5}	-	-	-	-	-	-	-	-	-
Outlet	L_{WA6}	-	-	-	-	-	-	-	-	-
Housing radiation	L_{WA2}	-	-	-	-	-	-	-	-	-

12" Prime Evo EC 147716	
Voltage U_N	120 V 1~
Current I_{max}	3,1 A
Ambient temperature t_A	55 °C
Medium temperatures t_M	55 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	0,0 kg
Number of poles	-
IP motor	IP30
IP terminal box	IP44
IP complete unit	IPX4
Min. operating temperature	-25 °C