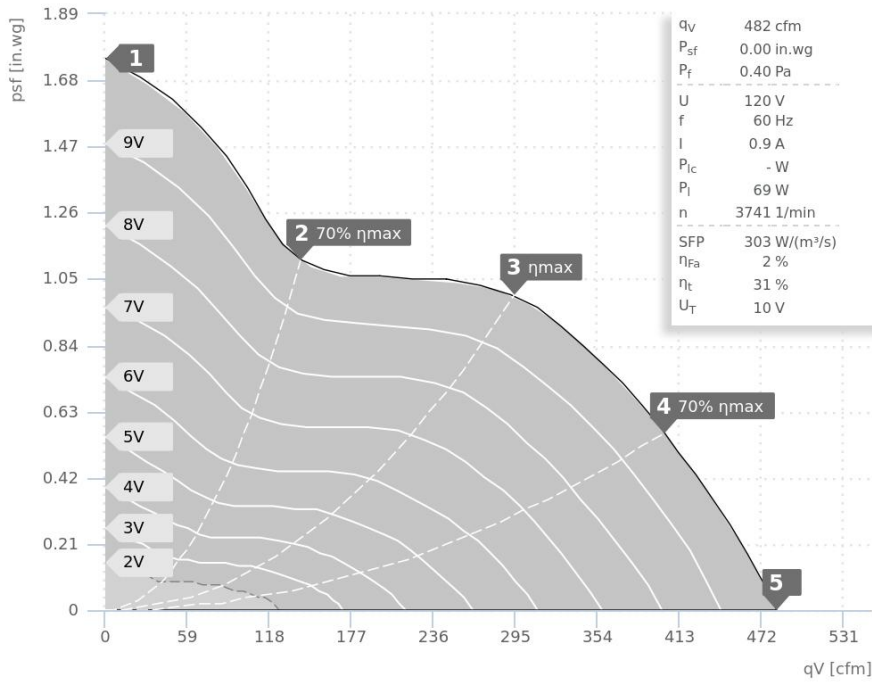


# DATA SHEET



## 6" Prime Evo EC | 147617



- 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	0,8	0,7	0,9	0,9	0,9
Power consumption $P_i$	W	60	52	69	75	69
Rotation speed n	1/min	3773	3780	3758	3740	3741
SWL inlet $L_{WA5}$	dB(A)	74	72	76	75	75
SWL outlet $L_{WA6}$	dB(A)	74	73	76	77	78
SWL casing break out $L_{WA2}$	dB(A)	58	56	57	58	57

Sound power ( $L_W$ ) dB(A)		Medium Frequency Band								
		$\Sigma$	63	125	250	500	1k	2k	4k	8k
Inlet	$L_{WA5}$	75	36	44	58	69	70	70	64	59
Outlet	$L_{WA6}$	78	39	46	61	67	75	72	69	62
Housing radiation	$L_{WA2}$	57	33	32	40	42	50	55	48	37

6" Prime Evo EC   147617	
Voltage $U_N$	120 V 1~
Current $I_{max}$	1,0 A
Ambient temperature $t_A$	60 °C
Medium temperatures $t_M$	60 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	3,1 kg
Number of poles	-
IP motor	IP54
IP terminal box	IP44
IP complete unit	IPX4
Min. operating temperature	-30 °C