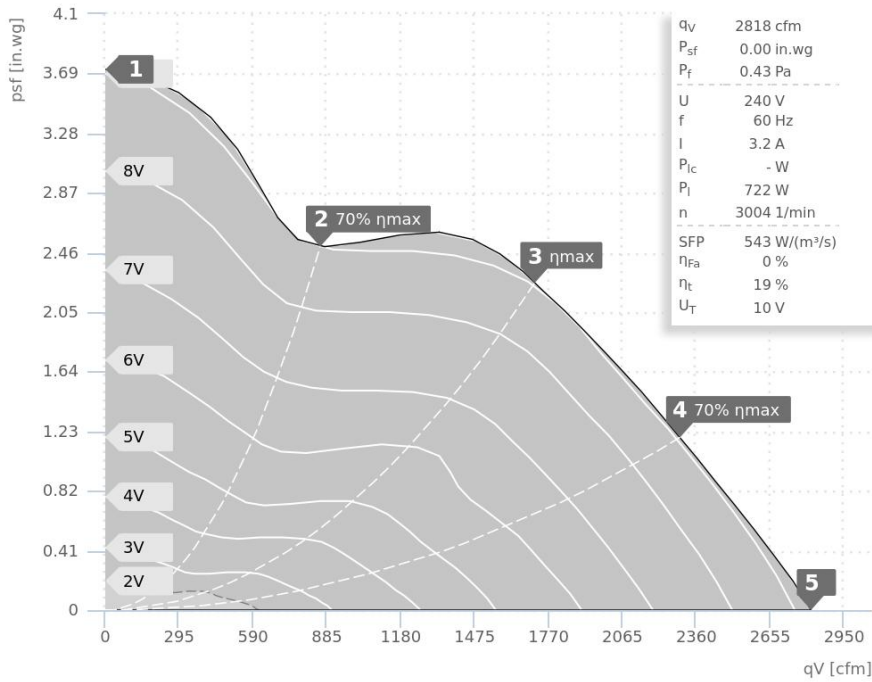


# DATA SHEET



## 14" Prime Evo EC HO | 147743



- 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	2,7	2,6	3,2	3,2	3,2
Power consumption $P_i$	W	622	579	727	728	722
Rotation speed $n$	1/min	3000	3006	2828	2856	3004
SWL inlet $L_{WA5}$	dB(A)	90	88	84	81	84
SWL outlet $L_{WA6}$	dB(A)	93	92	87	85	87
SWL casing break out $L_{WA2}$	dB(A)	73	71	65	64	68

Sound power ( $L_W$ ) dB(A)		Medium Frequency Band								
		$\Sigma$	63	125	250	500	1k	2k	4k	8k
Inlet	$L_{WA5}$	84	57	50	70	75	79	77	76	71
Outlet	$L_{WA6}$	87	60	51	72	81	83	81	78	72
Housing radiation	$L_{WA2}$	68	40	43	51	64	64	59	53	46

14" Prime Evo EC HO   147743	
Voltage $U_N$	240 V 1~
Current $I_{max}$	3,4 A
Ambient temperature $t_A$	60 °C
Medium temperatures $t_M$	60 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	B
Weight	9,8 kg
Number of poles	-
IP motor	IP20
IP terminal box	-
IP complete unit	-
Min. operating temperature	-25 °C