

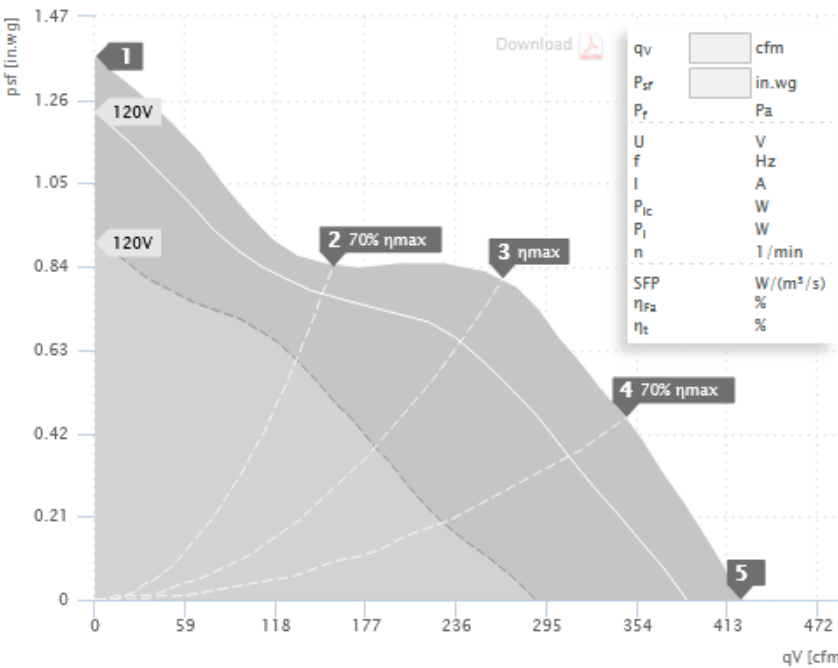
6" Prime Evo | 147608



Price available upon request

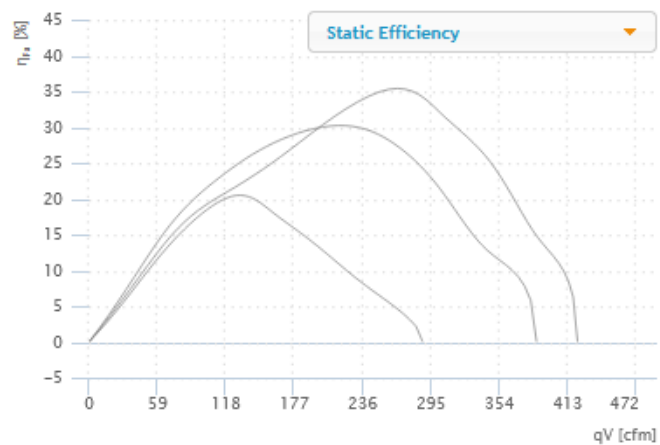
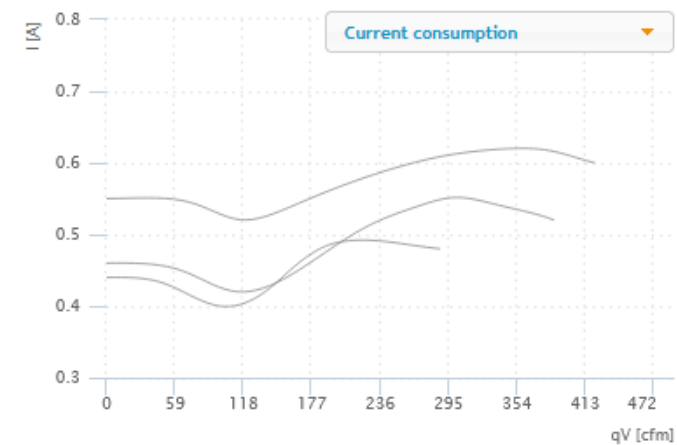
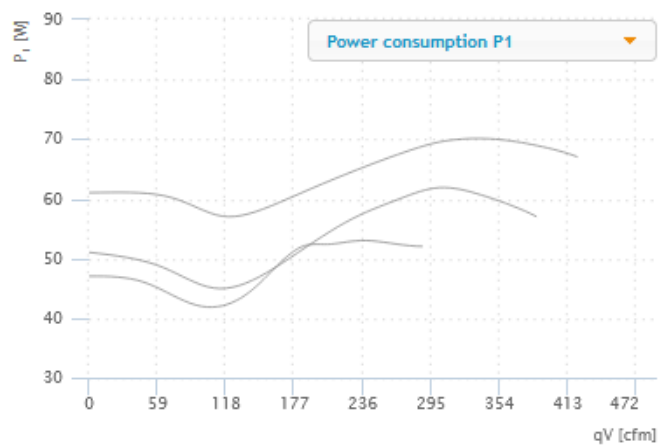
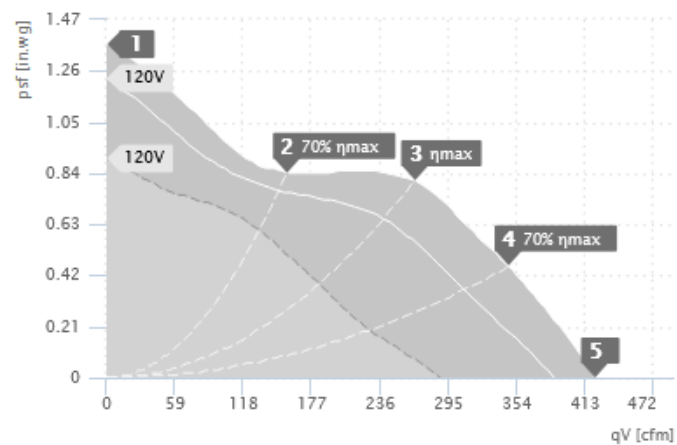
- Mixed flow fan with high efficiency rates
- Best aerodynamic design
- 3D shaped impeller blades
- Corrosion resistant plastic housing
- Integrated 3-speed switch
- One-phase AC motor
- Including mounting bracket

6" Prime Evo 60 Hz	
Voltage U_N	120 V 1~
Current I_{max}	0.7 A
Ambient temperature t_A	60 °C
Conveyed medium temperature t_M	60 °C
Speed Control	3-2-1
Motor protection	TAI
Insulation class motor	F
Weight	3,5 kg
Number of poles	2
IP motor	IP00
IP terminal box	-
Min. operating temperature	-25 °C



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}	-	-	-	-	-	-	-	-	-

Operating Point		1	2	3	4	5
Current I	A	0.6	0.5	0.6	0.6	0.6
Power consumption P_1	W	61	59	67	70	67
Rotation speed n	1/min	3363	3375	3298	3293	3321
SWL inlet L_{WA5}	dB(A)	69	68	70	72	73
SWL outlet L_{WA6}	dB(A)	70	70	71	73	74
SWL housing break out L_{WA2}	dB(A)	63	61	62	61	62



Type 6" Prime Evo
ID 147608

Connection data entire unit		
Rated frequency	Hz	60
Rated voltage	V	120
Rated power	W	70
Max. operating current	A	0.7
Phase		1~
Motor Type		1~
Type of motor control		3-2-1
Motor protection		TAI
Capacitor μ	μF	6
Capacitor voltage	V	250
Insulation class motor		F
Number of poles		2
IP motor		IP00
IP terminal box		-
IP complete unit		IPX4
Min. operating temperature	°C	-25

Rated current	A	0.6
Rated speed	1/min	3290
Max. static efficiency	%	34.4
Max. total efficiency	%	40.3
Max. allowed frequency (3" motors)	Hz	-
Max. allowed RPM (EC-motors)	1/min	-
Max. power consumption	W	70
Max. current consumption	A	0.7
Max. rotation speed	1/min	3400
Max. air flow	m³/h	720
Min. pressure	Pa	-
Max. pressure	Pa	340
Max. allowed ambient temperature at rated current	°C	60
Max. allowed medium temperature at rated current	°C	60
Max. allowed ambient temperature	°C	60
Max. allowed medium temperature	°C	60
Blocking current	A	-
Min. allowed voltage	V	-
Weight	kg	3,5

Sound Measurement (Octave)			Σ	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz	
SWL inlet	L _{WA5}	dB(A)	1	69	44	55	60	65	63	61	56	49
			2	68	41	55	58	64	63	60	55	46
			3	70	34	52	59	67	65	62	57	49
			4	72	33	42	56	67	67	66	60	54
			5	73	33	42	56	68	68	67	61	56
SWL outlet	L _{WA6}	dB(A)	1	70	44	55	61	64	66	62	60	52
			2	70	42	56	60	64	65	61	58	49
			3	71	34	51	60	65	68	63	61	53
			4	73	30	45	59	64	70	66	63	57
			5	74	29	44	60	65	72	67	65	58
SWL housing break out	L _{WA2}	dB(A)	1	63	41	43	42	56	61	55	45	34
			2	61	37	41	40	53	59	53	43	32
			3	62	31	33	40	57	59	55	44	33
			4	61	31	31	38	57	58	54	44	34
			5	62	26	31	39	57	59	55	46	36