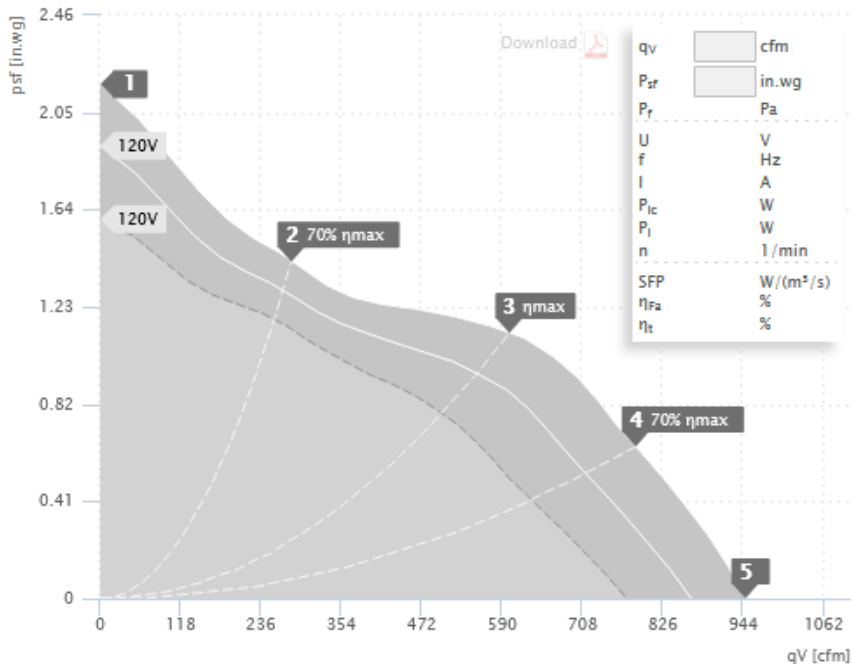


8" Prime HO | 147590



Price available upon request

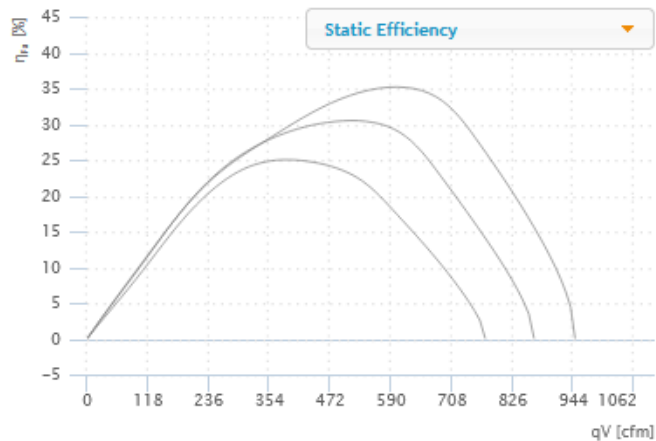
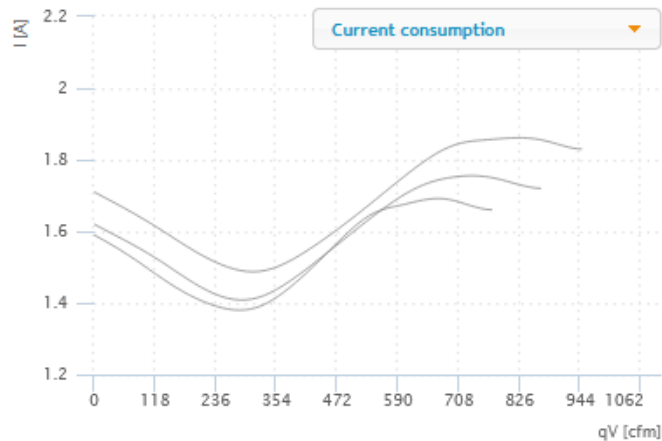
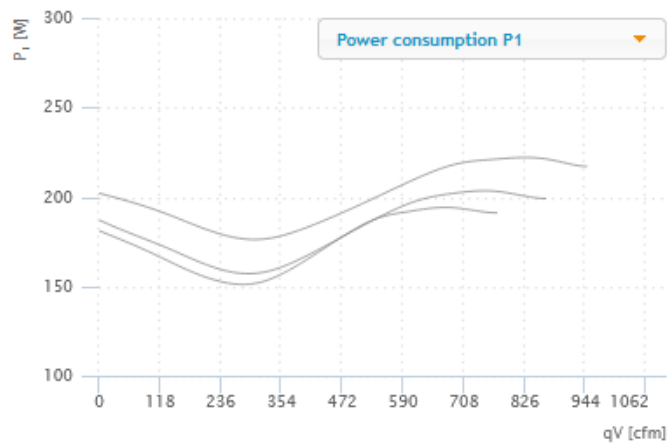
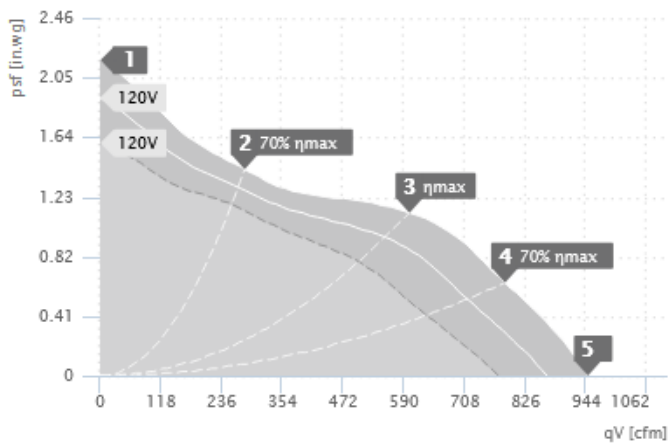
- Mixed flow fan with high efficiency rates
- 3D shaped impeller blades
- With plastic housing
- Integrated 3-speed switch
- One-phase AC motor
- Including mounting bracket

8" Prime HO | 60 Hz

Voltage U_N	120 V 1~
Current I_{max}	2 A
Ambient temperature t_a	40 °C
Conveyed medium temperature t_m	40 °C
Speed Control	3-2-1
Motor protection	TAI
Insulation class motor	F
Weight	4,7 kg
Number of poles	2
IP motor	IP33
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	1.7	1.5	1.8	1.9	1.8
Power consumption P_1	W	202	176	208	221	217
Rotation speed n	1/min	3023	3177	2987	2918	2962
SWL inlet L_{WA5}	dB(A)	79	78	77	75	77
SWL outlet L_{WA6}	dB(A)	80	79	78	76	78
SWL housing break out L_{WA2}	dB(A)	65	64	60	62	62



Type 8" Prime HO ID 147590		
Connection data entire unit		
Rated frequency	Hz	60
Rated voltage	V	120
Rated power	W	222
Max. operating current	A	2
Phase		1~
Motor Type		1~
Type of motor control		3-2-1
Motor protection		TAI
Capacitor μ	μF	20
Capacitor voltage	V	250
Insulation class motor		F
Number of poles		2
IP motor		IP33
IP terminal box		-
IP complete unit		IPX4
Min. operating temperature	°C	-25

Rated current	A	1.9
Rated speed	1/min	2920
Max. static efficiency	%	35.6
Max. total efficiency	%	42.1
Max. allowed frequency (3~ motors)	Hz	-
Max. allowed RPM (EC-motors)	1/min	-
Max. power consumption	W	222
Max. current consumption	A	2
Max. rotation speed	1/min	3175
Max. air flow	m³/h	1610
Min. pressure	Pa	-
Max. pressure	Pa	540
Max. allowed ambient temperature at rated current	°C	40
Max. allowed medium temperature at rated current	°C	40
Max. allowed ambient temperature	°C	40
Max. allowed medium temperature	°C	40
Blocking current	A	-
Min. allowed voltage	V	-
Weight	kg	4,7

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	79	50	61	68	73	75	71	70	63
			2	78	51	60	67	72	74	69	67	59
			3	77	46	56	67	72	72	68	65	57
			4	75	40	44	64	68	70	67	66	57
			5	77	44	44	66	69	73	70	71	61
SWL outlet	L _{WA6}	dB(A)	1	80	51	62	72	72	76	72	69	63
			2	79	50	62	71	72	75	70	66	59
			3	78	41	58	72	71	72	69	64	57
			4	76	35	52	66	70	72	69	65	58
			5	78	37	51	67	70	73	72	69	60
SWL housing break out	L _{WA2}	dB(A)	1	65	50	50	50	54	62	60	52	42
			2	64	50	51	47	51	61	58	49	39
			3	60	47	45	43	48	57	54	46	36
			4	62	58	46	44	48	57	54	47	36
			5	62	54	45	45	50	58	56	50	39