

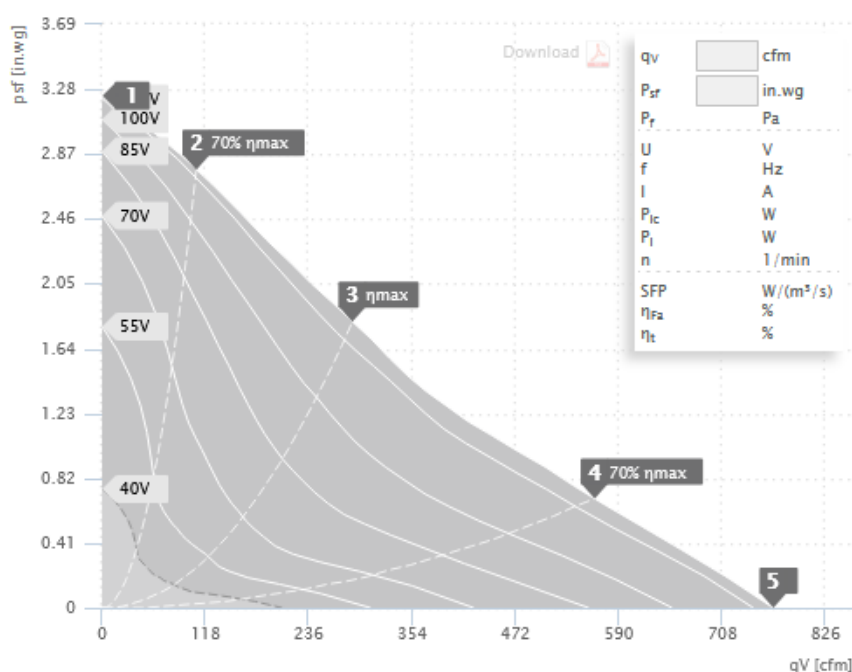
8" Classic HO | 147869



Price available upon request

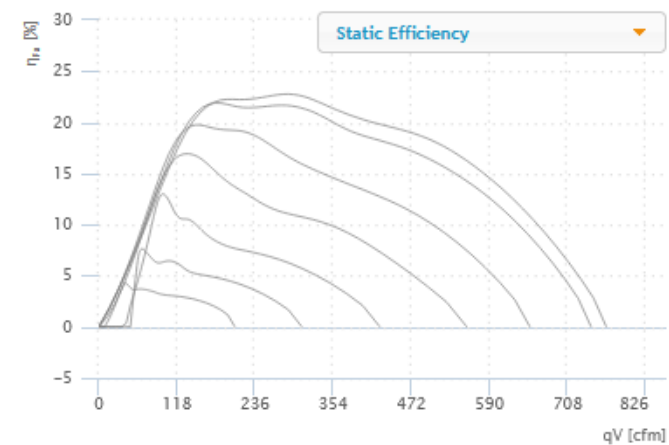
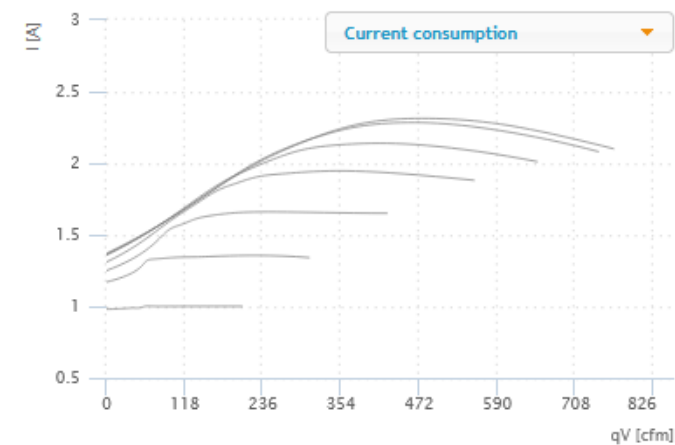
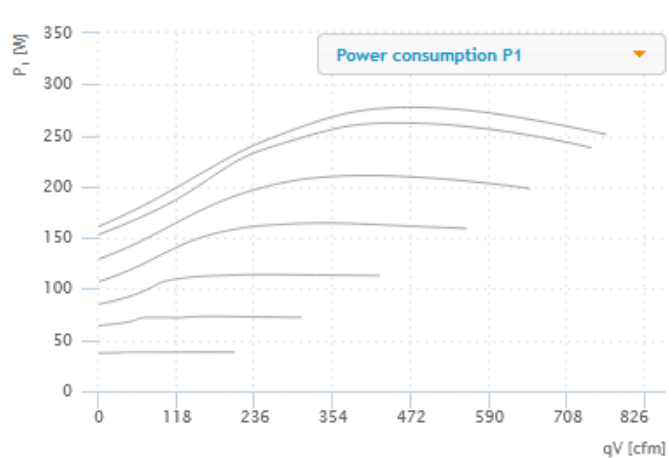
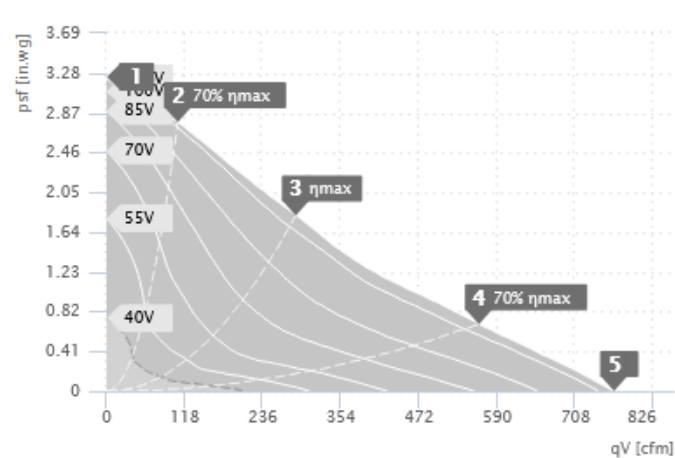
- The established centrifugal fan
- High quality powder coated metal casing
- High efficiency backward curved impeller blades
- One-phase AC motor
- Incorporated mounting brackets

8" Classic HO 60 Hz	
Voltage U_N	120 V 1~
Current I_{max}	2.4 A
Ambient temperature t_a	50 °C
Conveyed medium temperature t_M	50 °C
Speed Control	V
Motor protection	TAI
Insulation class motor	F
Weight	5,5 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	1.4	1.6	2.1	2.3	2.1
Power consumption P_1	W	161	195	253	274	251
Rotation speed n	1/min	3341	3184	2827	2668	2887
SWL inlet L_{WA5}	dB(A)	80	79	77	74	77
SWL outlet L_{WA6}	dB(A)	80	79	77	75	78
SWL housing break out L_{WA2}	dB(A)	68	67	66	62	65



Type 8" Classic HO ID 147869			Rated current		A	2.3
			Rated speed		1/min	2630
Connection data entire unit			Max. static efficiency		%	22.8
Rated frequency	Hz	60	Max. total efficiency		%	23.3
Rated voltage	V	120	Max. allowed frequency (3" motors)		Hz	-
Rated power	W	277	Max. allowed RPM (EC-motors)		1/min	-
Max. operating current	A	2.4	Max. power consumption		W	277
Phase		1~	Max. current consumption		A	2.4
Motor Type		1~	Max. rotation speed		1/min	3340
Type of motor control		V	Max. air flow		m³/h	1300
Motor protection		TAI	Min. pressure		Pa	-
Capacitor µ	µF	20	Max. pressure		Pa	810
Capacitor voltage	V	250	Max. allowed ambient temperature at rated current		°C	50
Insulation class motor		F	Max. allowed medium temperature at rated current		°C	50
Number of poles		2	Max. allowed ambient temperature		°C	50
IP motor		IP33	Max. allowed medium temperature		°C	50
IP terminal box		-	Blocking current		A	-
IP complete unit		IPX4	Min. allowed voltage		V	40
Min. operating temperature	°C	-25	Weight		kg	5,5

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	80	41	60	71	75	75	71	61
			2	79	41	59	69	74	74	70	61
			3	77	40	59	66	72	71	68	59
			4	74	41	51	62	67	69	66	60
			5	77	42	55	66	71	72	69	66
SWL outlet	L _{WA6}	dB(A)	1	80	41	64	75	72	75	72	60
			2	79	41	64	73	71	74	72	60
			3	77	40	63	70	69	72	70	59
			4	75	42	51	64	66	71	69	59
			5	78	41	54	67	69	74	71	64
SWL housing break out	L _{WA2}	dB(A)	1	68	42	49	54	61	64	62	48
			2	67	42	50	53	60	63	61	48
			3	66	41	53	49	58	62	59	46
			4	62	41	49	45	51	59	56	43
			5	65	42	52	48	59	62	58	47