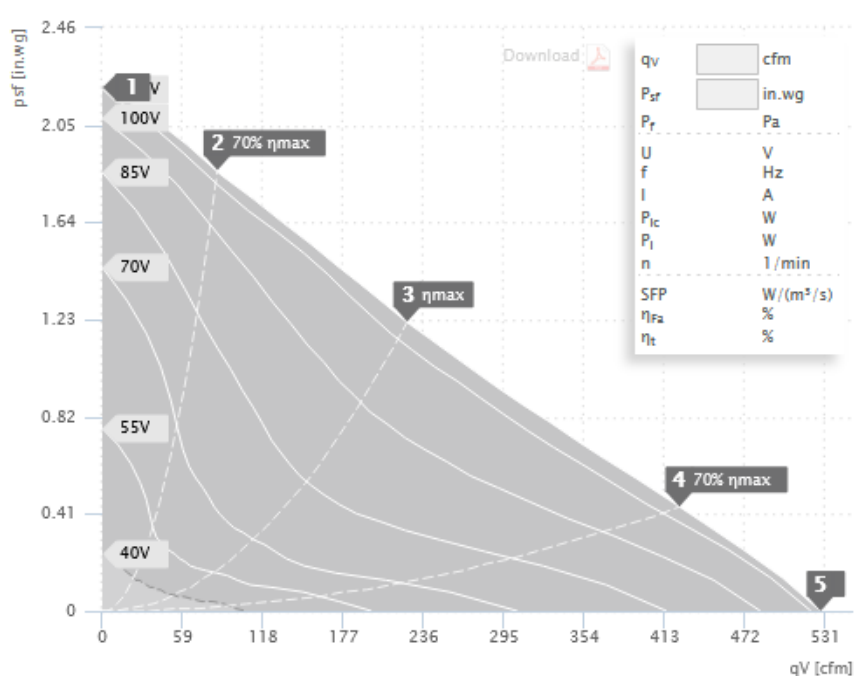


8" Classic | 147860



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

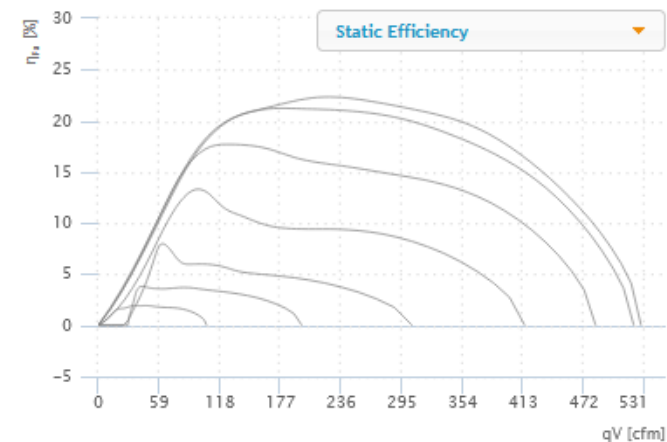
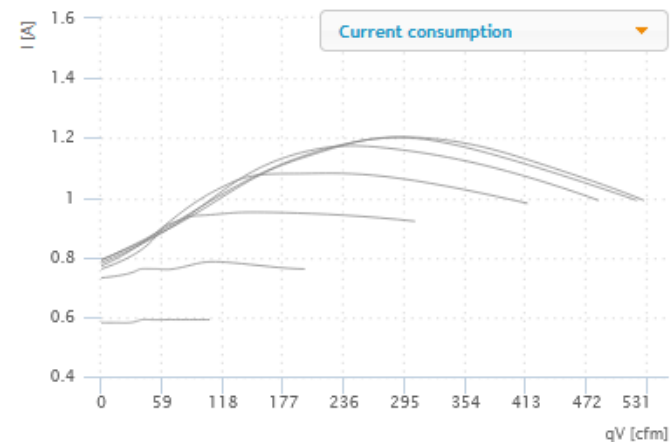
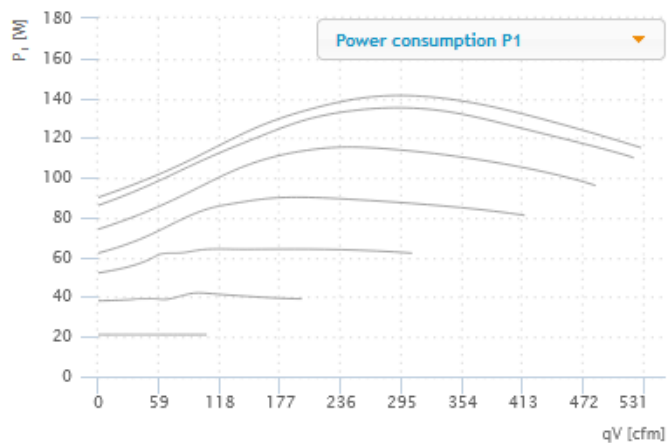
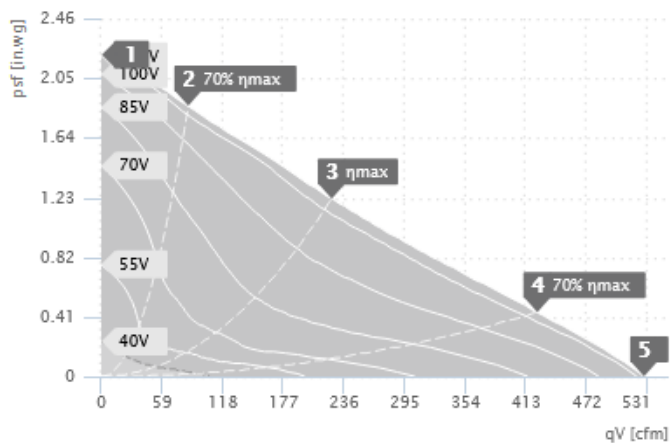


Sound power (L_W) dB(A)		Medium Frequency Band							
	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L_{WA5}	-	-	-	-	-	-	-	-
Outlet	L_{WA6}	-	-	-	-	-	-	-	-
Housing radiation	L_{WA2}	-	-	-	-	-	-	-	-

Operating Point		1	2	3	4	5
Current I	A	0.8	0.9	1.2	1.1	1
Power consumption P_1	W	90	108	137	130	115
Rotation speed n	1/min	3313	3157	2832	2949	3107
SWL inlet L_{WA5}	dB(A)	73	73	73	75	77
SWL outlet L_{WA6}	dB(A)	73	73	73	75	77
SWL housing break out L_{WA2}	dB(A)	60	60	60	61	63

8" Classic | 60 Hz

Voltage U_N	120 V 1~
Current I_{max}	1.3 A
Ambient temperature t_a	75 °C
Conveyed medium temperature t_M	75 °C
Speed Control	V
Motor protection	TAI
Insulation class motor	F
Weight	4,1 kg
Number of poles	2
IP motor	IP33
IP terminal box	-
Min. operating temperature	-25 °C



Type 8" Classic ID 147860				Rated current				A	1.2
				Rated speed				1/min	2770
Connection data entire unit				Max. static efficiency				%	22.3
Rated frequency	Hz	60		Max. total efficiency				%	22.7
Rated voltage	V	120		Max. allowed frequency (3" motors)				Hz	-
Rated power	W	141		Max. allowed RPM (EC-motors)				1/min	-
Max. operating current	A	1.3		Max. power consumption				W	141
Phase		1~		Max. current consumption				A	1.3
Motor Type		1~		Max. rotation speed				1/min	3315
Type of motor control		V		Max. air flow				m³/h	900
Motor protection		TAI		Min. pressure				Pa	-
Capacitor µ	µF	10		Max. pressure				Pa	550
Capacitor voltage	V	200		Max. allowed ambient temperature at rated current				°C	80
Insulation class motor		F		Max. allowed medium temperature at rated current				°C	80
Number of poles		2		Max. allowed ambient temperature				°C	75
IP motor		IP33		Max. allowed medium temperature				°C	75
IP terminal box		-		Blocking current				A	-
IP complete unit		IPX4		Min. allowed voltage				V	40
Min. operating temperature	°C	-25		Weight				kg	4,1

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	73	37	53	63	67	69	65	61	50
			2	73	37	52	62	67	69	65	61	51
			3	73	37	50	62	68	69	66	61	51
			4	75	37	49	62	69	70	67	65	55
			5	77	40	49	62	70	73	70	68	62
SWL outlet	L _{WA6}	dB(A)	1	73	38	58	68	64	68	67	62	50
			2	73	38	57	67	64	68	67	63	51
			3	73	37	55	67	64	68	67	63	51
			4	75	38	52	65	65	70	69	66	55
			5	77	38	52	65	67	72	71	69	62
SWL housing break out	L _{WA2}	dB(A)	1	60	39	40	50	50	56	56	49	40
			2	60	38	40	50	50	56	56	49	39
			3	60	38	39	51	50	56	56	48	37
			4	61	42	39	50	51	57	57	50	36
			5	63	40	39	51	54	58	59	53	43