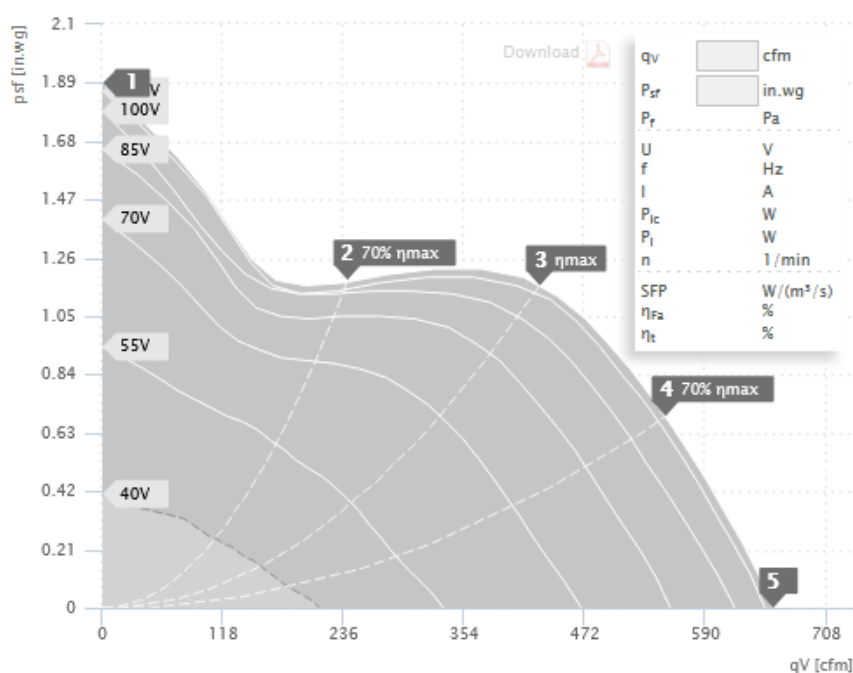




Price available upon request

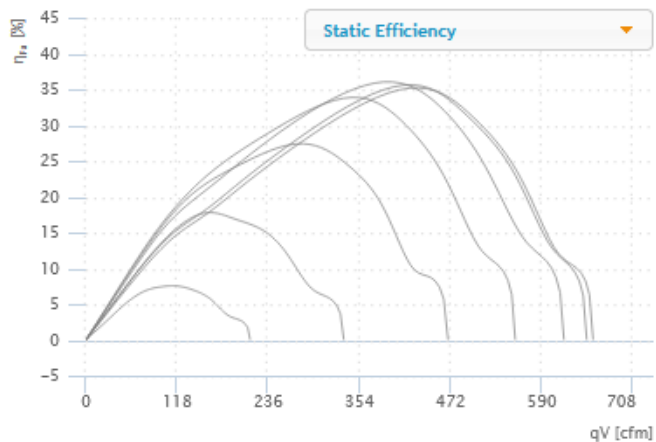
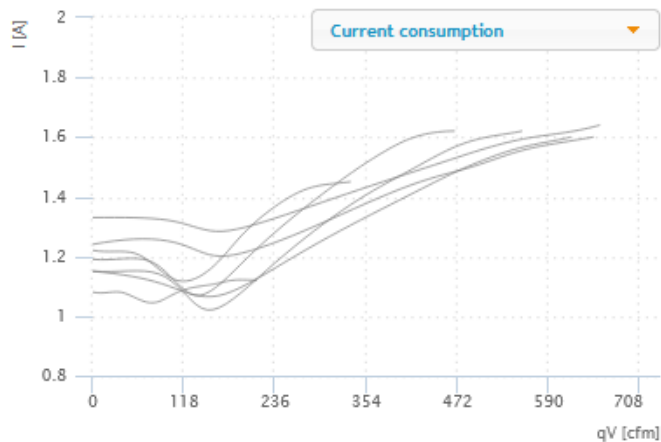
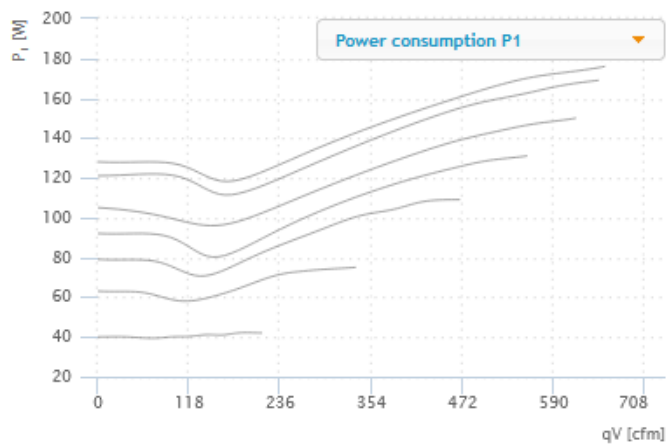
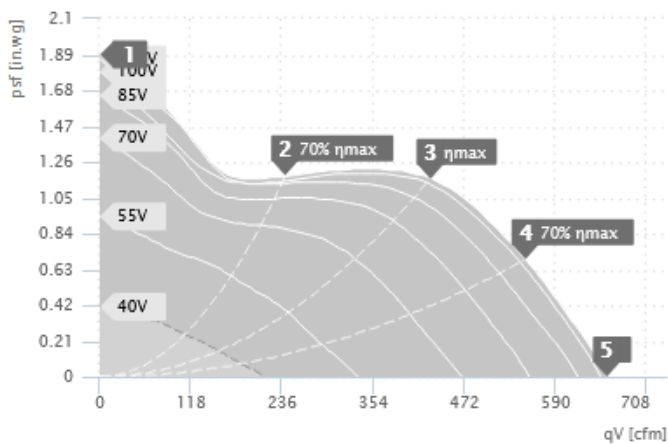
- Mixed flow fan with high efficiency rates
- 3D shaped impeller blades
- With plastic housing
- One-phase AC motor
- Including mounting bracket

8" Prime 60 Hz	
Voltage U_N	120 V 1~
Current I_{max}	1.7 A
Ambient temperature t_a	40 °C
Conveyed medium temperature t_M	40 °C
Speed Control	V
Motor protection	TMI
Insulation class motor	F
Weight	3,7 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	1.3	1.3	1.5	1.6	1.6
Power consumption P_1	W	128	127	155	169	176
Rotation speed n	1/min	3370	3359	3281	3237	3223
SWL inlet L_{WA5}	dB(A)	77	76	75	75	77
SWL outlet L_{WA6}	dB(A)	81	81	79	79	82
SWL housing break out L_{WA2}	dB(A)	65	64	62	62	65



Type 8" Prime ID 147482		
Connection data entire unit		
Rated frequency	Hz	60
Rated voltage	V	120
Rated power	W	176
Max. operating current	A	1.7
Phase		1~
Motor Type		1~
Type of motor control		V
Motor protection		TMI
Capacitor μ	μF	8
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	1.6
Rated speed	1/min	3220
Max. static efficiency	%	35
Max. total efficiency	%	38
Max. allowed frequency (3" motors)	Hz	-
Max. allowed RPM (EC-motors)	1/min	-
Max. power consumption	W	176
Max. current consumption	A	1.7
Max. rotation speed	1/min	3400
Max. air flow	m³/h	1115
Min. pressure	Pa	-
Max. pressure	Pa	470
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	3.9
Min. allowed voltage	V	40
Weight	kg	3,7

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	77	48	61	65	70	74	70	68	60
			2	76	38	50	60	68	72	70	66	57
			3	75	37	46	57	67	71	70	65	57
			4	75	39	44	56	66	70	70	66	58
			5	77	42	46	58	69	73	72	70	61
SWL outlet	L _{WA6}	dB(A)	1	81	51	64	68	71	78	75	71	65
			2	81	48	60	65	71	78	74	70	64
			3	79	47	56	61	69	77	74	68	61
			4	79	51	52	59	69	76	75	68	59
			5	82	49	52	60	70	78	78	72	63
SWL housing break out	L _{WA2}	dB(A)	1	65	49	50	54	55	60	58	55	54
			2	64	47	49	53	55	60	58	54	52
			3	62	44	42	50	54	57	57	52	49
			4	62	47	40	49	52	57	57	53	47
			5	65	49	45	50	56	59	59	57	51