

6" Prime | 147473

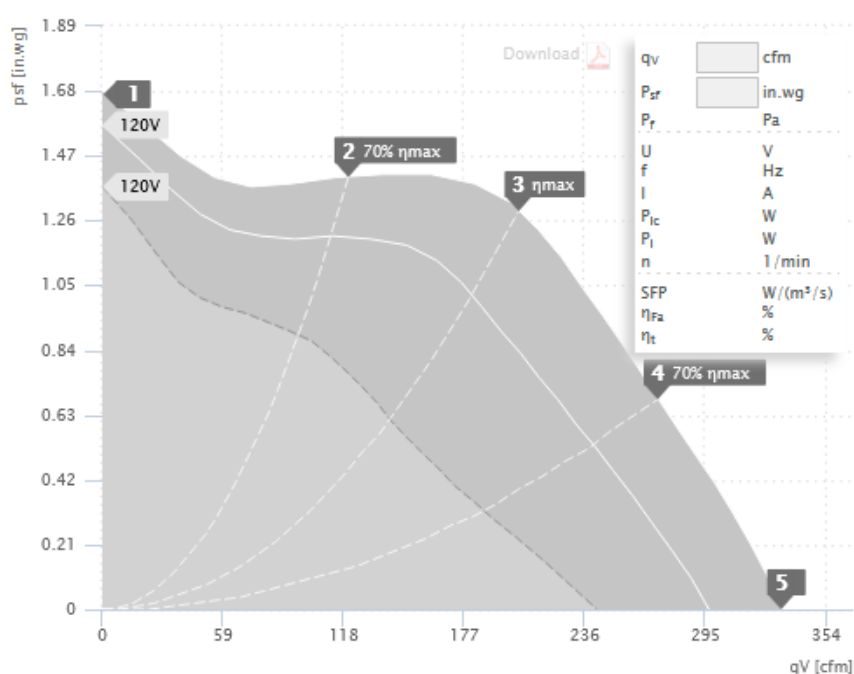


Price available upon request

- 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

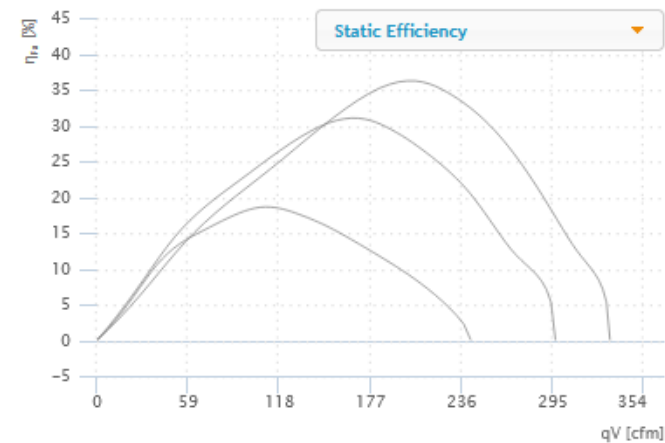
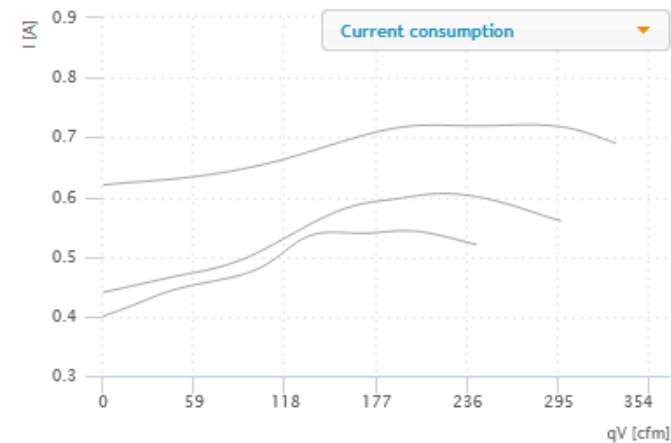
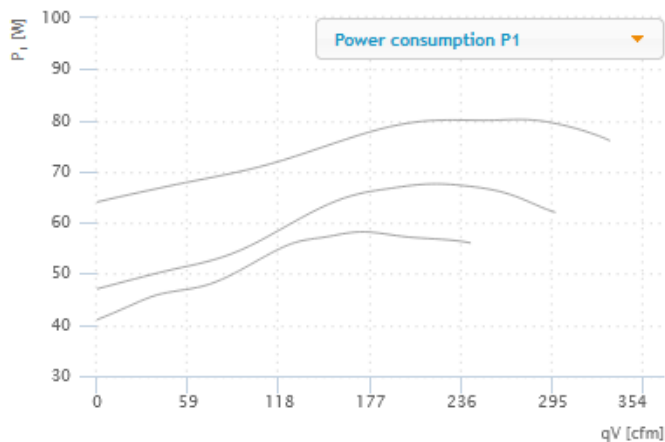
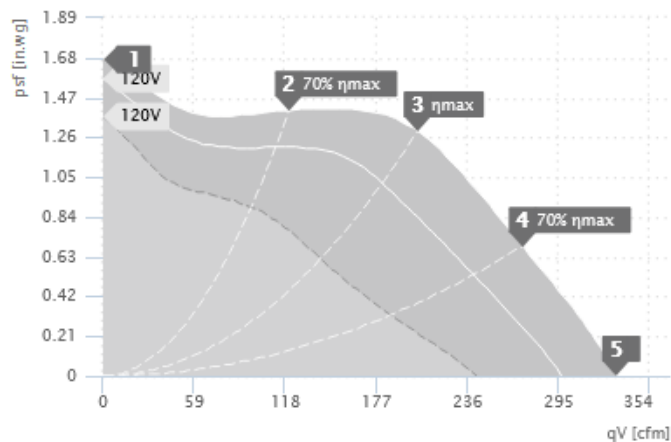
6" Prime | 60 Hz

Voltage U_N	120 V 1~
Current I_{max}	0.8 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	2.4 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	0.7	0.7	0.7	0.7
Power consumption P_1	W	64	72	80	80	76
Rotation speed n	1/min	3414	3339	3277	3281	3334
SWL inlet L_{WA5}	dB(A)	73	68	66	69	73
SWL outlet L_{WA6}	dB(A)	77	71	68	71	75
SWL housing break out L_{WA2}	dB(A)	61	58	57	60	65



Type 6" Prime ID 147473		
Connection data entire unit		
Rated frequency	Hz	60
Rated voltage	V	120
Rated power	W	80
Max. operating current	A	0.8
Phase		1~
Motor Type		1~
Type of motor control		3-2-1
Motor protection		TAI
Capacitor μ	μF	6
Capacitor voltage	V	450
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	0.7
Rated speed	1/min	3280
Max. static efficiency	%	35
Max. total efficiency	%	37.6
Max. allowed frequency (3" motors)	Hz	-
Max. allowed RPM (EC-motors)	1/min	-
Max. power consumption	W	80
Max. current consumption	A	0.8
Max. rotation speed	1/min	3415
Max. air flow	m³/h	560
Min. pressure	Pa	-
Max. pressure	Pa	420
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	120
Weight	kg	2,4

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	39	52	59	67	68	66	64	55
			2	68	37	39	48	60	63	63	61	51
			3	66	38	33	42	57	61	62	59	49
			4	69	37	37	45	58	63	66	62	52
			5	73	33	40	51	62	67	69	66	57
SWL outlet	L _{WA6}	dB(A)	1	77	40	54	61	69	74	70	68	59
			2	71	37	41	50	61	67	65	63	54
			3	68	35	35	44	58	64	63	61	51
			4	71	34	36	45	59	67	66	63	53
			5	75	34	40	50	63	72	70	67	59
SWL housing break out	L _{WA2}	dB(A)	1	61	40	42	45	52	57	57	53	41
			2	58	40	32	42	50	52	53	49	36
			3	57	41	26	40	49	51	53	47	34
			4	60	40	28	40	49	54	58	49	36
			5	65	41	31	45	51	59	63	53	40