

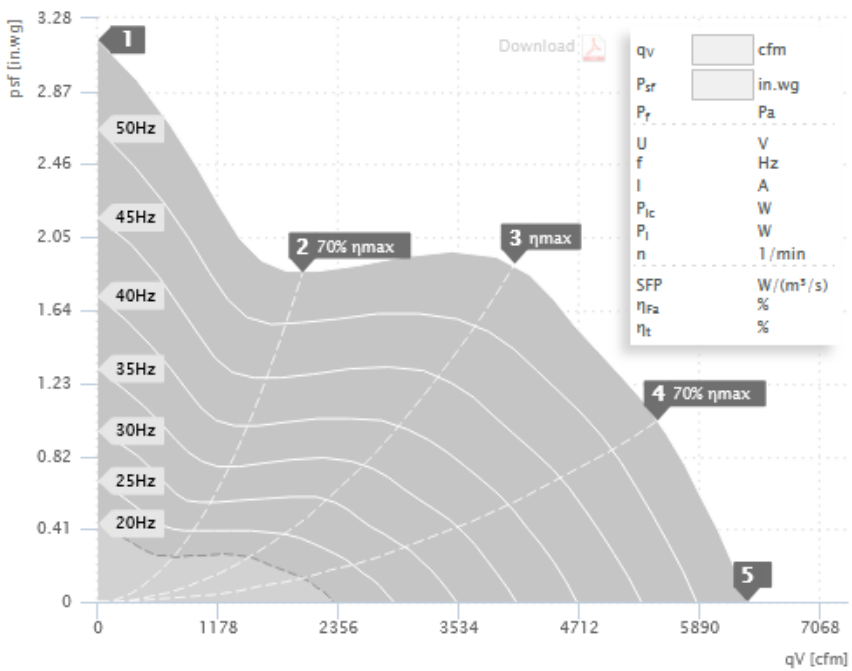
22" Prime | 147572



Price available upon request

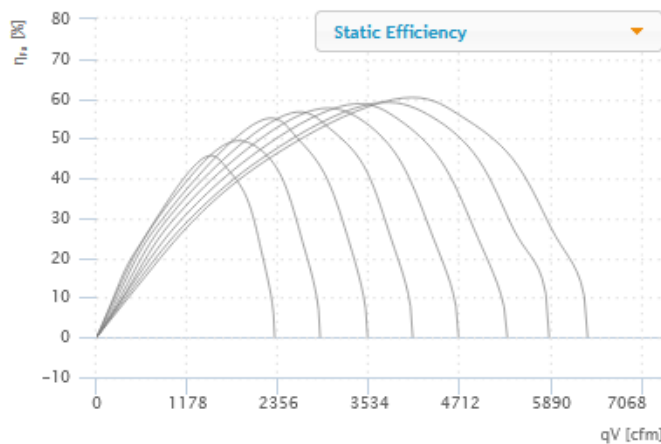
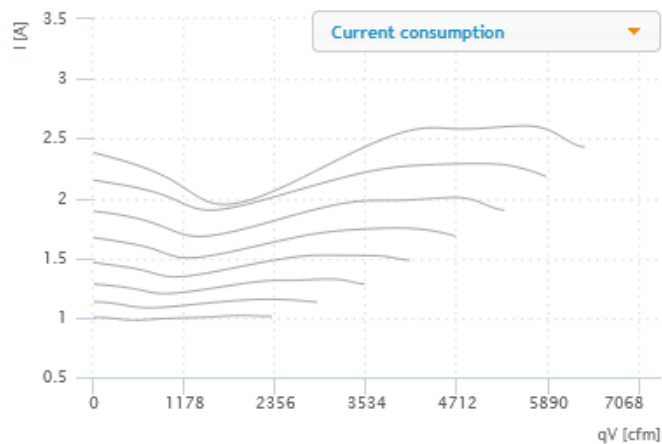
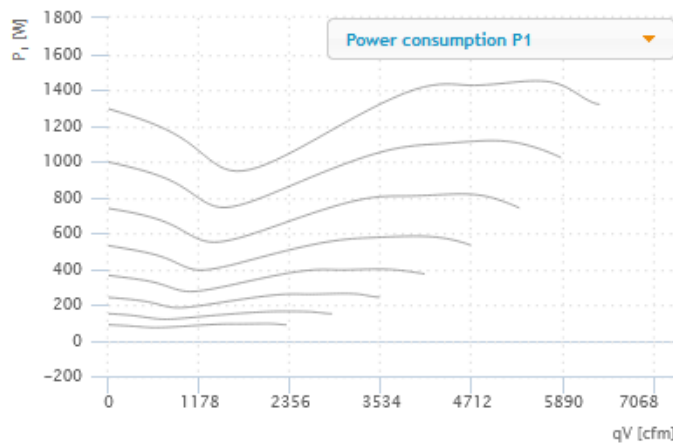
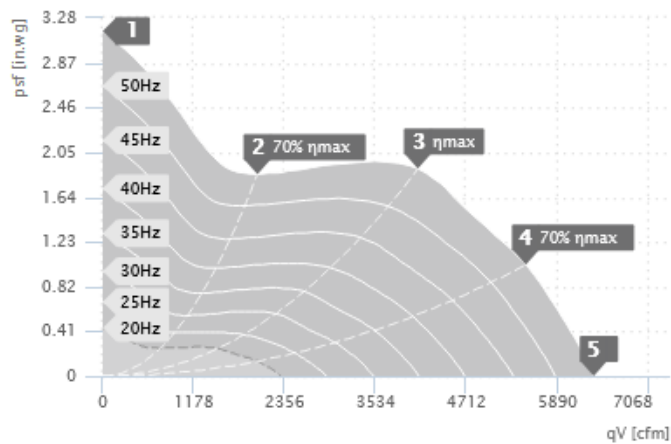
- Mixed flow fan with high efficiency rates
- 3D shaped impeller blades
- Aluminum housing
- Three-phase AC motor
- Including mounting bracket

22" Prime 50 Hz	
Voltage U_N	400 V 3~
Current I_{max}	3.3 A
Ambient temperature t_A	60 °C
Conveyed medium temperature t_M	60 °C
Speed Control	f
Motor protection	TAO
Insulation class motor	F
Weight	33,0 kg
Number of poles	4
IP motor	IP55
IP terminal box	-
Min. operating temperature	-20 °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	2.4	2	2.6	2.6	2.4
Power consumption P_1	W	1288	977	1414	1448	1318
Rotation speed n	1/min	1597	1612	1595	1595	1601
SWL inlet L_{WA5}	dB(A)	91	87	85	86	88
SWL outlet L_{WA6}	dB(A)	94	90	86	86	90
SWL housing break out L_{WA2}	dB(A)	84	81	78	77	81



Type 22" Prime
ID 147572

Connection data entire unit		
Rated frequency	Hz	50
Rated voltage	V	400
Rated power	W	1445
Max. operating current	A	3.3
Phase		3~
Motor Type		3~
Type of motor control		f
Motor protection		TAO
Capacitor μ	μF	-
Capacitor voltage	V	-
Insulation class motor		F
Number of poles		4
IP motor		IP55
IP terminal box		-
IP complete unit		-
Min. operating temperature	°C	-20

Rated current	A	2.3
Rated speed	1/min	1460
Max. static efficiency	%	60
Max. total efficiency	%	64.8
Max. allowed frequency (3" motors)	Hz	60
Max. allowed RPM (EC-motors)	1/min	-
Max. power consumption	W	1803
Max. current consumption	A	3.3
Max. rotation speed	1/min	1610
Max. air flow	m³/h	10800
Min. pressure	Pa	-
Max. pressure	Pa	790
Max. allowed ambient temperature at rated current	°C	60
Max. allowed medium temperature at rated current	°C	60
Max. allowed ambient temperature	°C	60
Max. allowed medium temperature	°C	60
Blocking current	A	-
Min. allowed voltage	V	-
Weight	kg	33,0

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	91	62	78	83	86	85	83	78	70
			2	87	60	74	79	82	82	80	74	64
			3	85	55	69	75	80	80	77	71	61
			4	86	42	66	75	80	81	78	75	64
			5	88	43	68	77	82	83	82	79	67
SWL outlet	L _{WA6}	dB(A)	1	94	64	80	85	90	88	86	81	71
			2	90	58	74	80	86	84	81	75	65
			3	86	45	68	76	82	80	77	72	63
			4	86	44	67	77	82	80	78	74	64
			5	90	46	70	80	86	84	82	79	69
SWL housing break out	L _{WA2}	dB(A)	1	84	63	67	73	82	79	75	69	59
			2	81	61	64	70	78	74	71	65	54
			3	78	50	59	69	75	71	67	61	52
			4	77	42	60	68	74	71	68	65	54
			5	81	43	58	69	78	75	73	68	58