

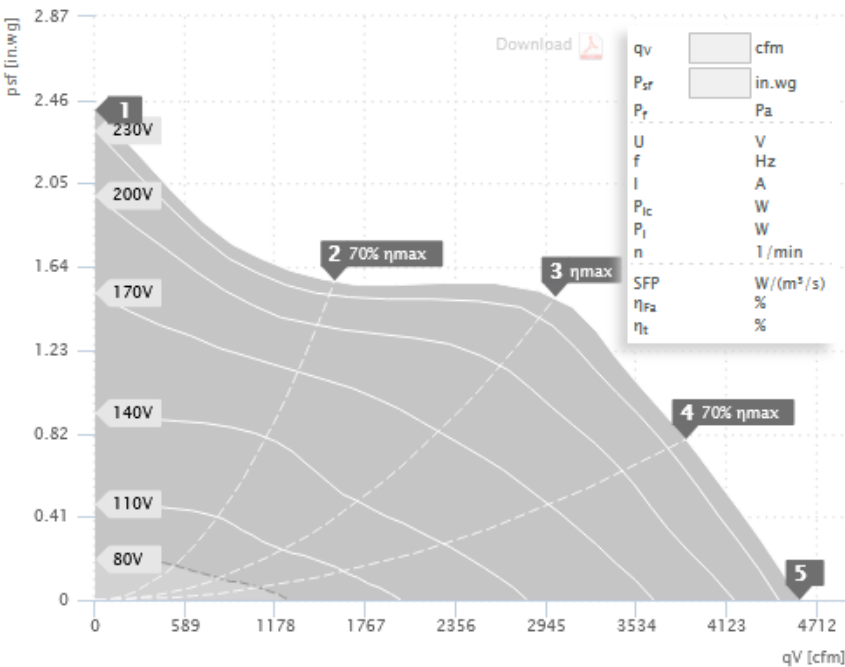
20" Prime | 147563



Price available upon request

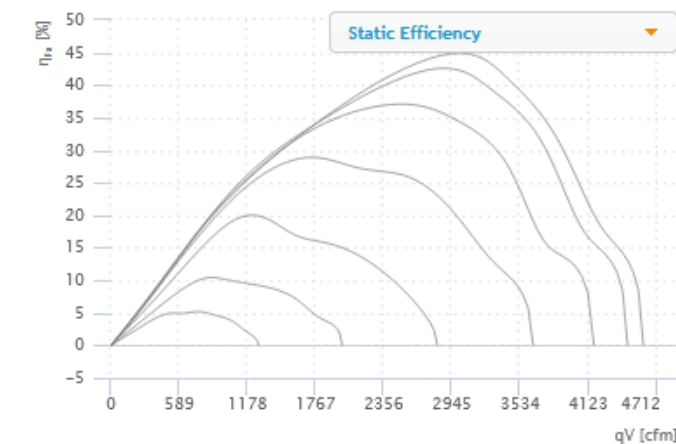
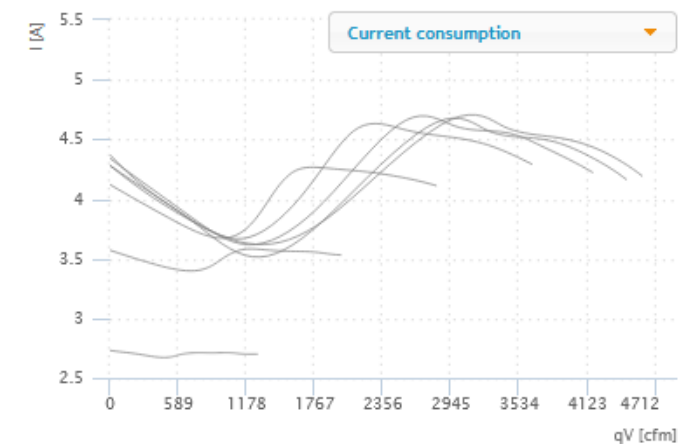
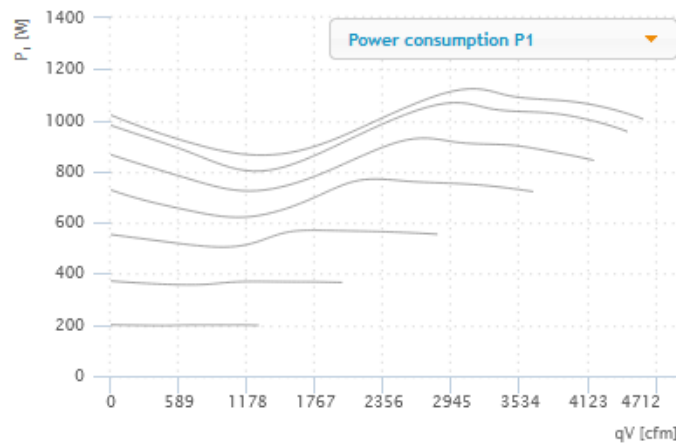
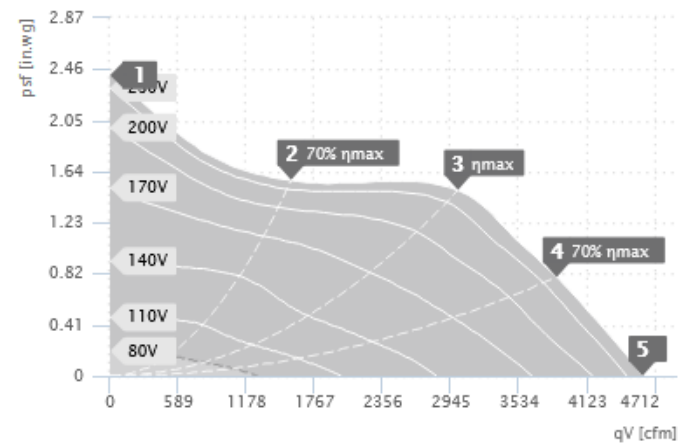
- Mixed flow fan with high efficiency rates
- 3D shaped impeller blades
- Aluminum housing
- One-phase AC motor
- Including mounting bracket

20" Prime 60 Hz	
Voltage U_N	240 V 1~
Current I_{max}	4.9 A
Ambient temperature t_a	40 °C
Conveyed medium temperature t_m	40 °C
Speed Control	-
Motor protection	-
Insulation class motor	F
Weight	23,2 kg
Number of poles	4
IP motor	IP54
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	4.3	3.7	4.7	4.5	4.2
Power consumption P_1	W	1010	875	1118	1078	1004
Rotation speed n	1/min	1525	1600	1507	1540	1572
SWL inlet L_{WA5}	dB(A)	87	84	79	80	84
SWL outlet L_{WA6}	dB(A)	90	88	83	86	90
SWL housing break out L_{WA2}	dB(A)	81	80	79	79	80



Type 20" Prime ID 147563		
Connection data entire unit		
Rated frequency	Hz	60
Rated voltage	V	240
Rated power	W	1107
Max. operating current	A	4.9
Phase		1~
Motor Type		1~
Type of motor control		-
Motor protection		-
Capacitor μ	μF	16
Capacitor voltage	V	420
Insulation class motor		F
Number of poles		4
IP motor		IP54
IP terminal box		-
IP complete unit		-
Min. operating temperature	°C	-25

Rated current	A	4.6
Rated speed	1/min	1510
Max. static efficiency	%	44.7
Max. total efficiency	%	48.1
Max. allowed frequency (3" motors)	Hz	-
Max. allowed RPM (EC-motors)	1/min	-
Max. power consumption	W	1107
Max. current consumption	A	4.9
Max. rotation speed	1/min	1610
Max. air flow	m³/h	7810
Min. pressure	Pa	-
Max. pressure	Pa	600
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	80
Weight	kg	23,2

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	87	59	73	79	81	81	79	74	65
			2	84	58	70	78	78	79	76	71	60
			3	79	40	65	72	73	73	72	69	56
			4	80	36	67	72	73	74	73	72	58
			5	84	40	70	77	77	78	77	76	63
SWL outlet	L _{WA6}	dB(A)	1	90	59	76	82	86	84	81	76	67
			2	88	62	73	80	84	83	79	75	65
			3	83	28	71	74	79	77	72	68	56
			4	86	38	75	78	82	81	76	72	61
			5	90	41	74	81	85	84	80	77	66
SWL housing break out	L _{WA2}	dB(A)	1	81	57	59	76	75	77	71	65	53
			2	80	60	59	75	74	75	69	63	51
			3	79	38	52	77	72	70	64	60	46
			4	79	33	49	77	71	70	65	63	47
			5	80	37	53	75	74	75	70	66	52