

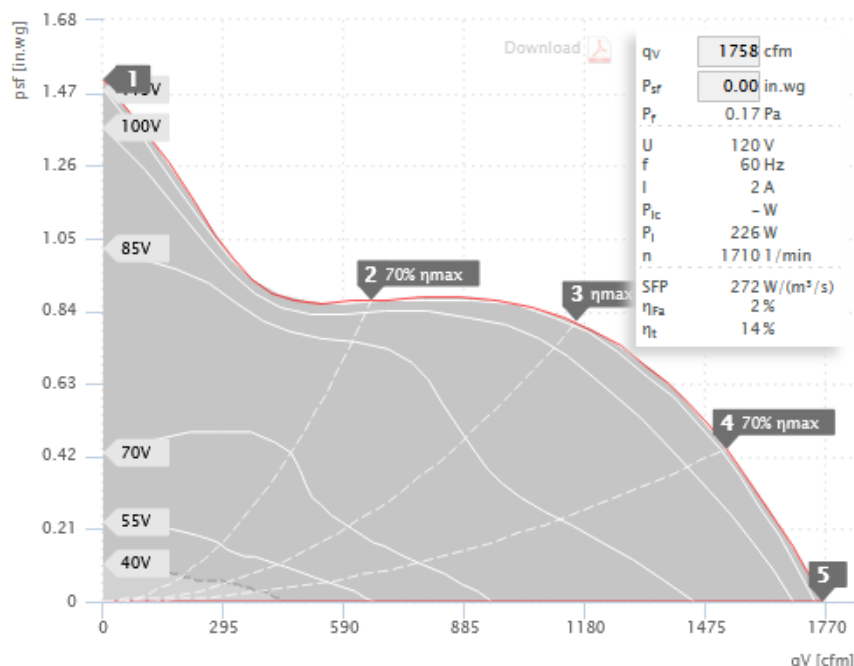
14" Prime | 147527



Price available upon request

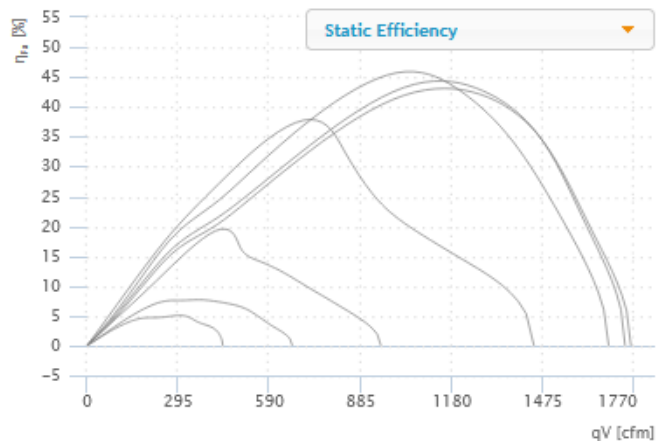
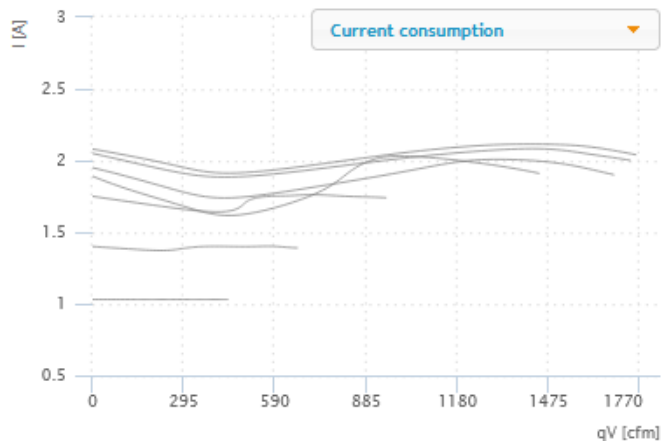
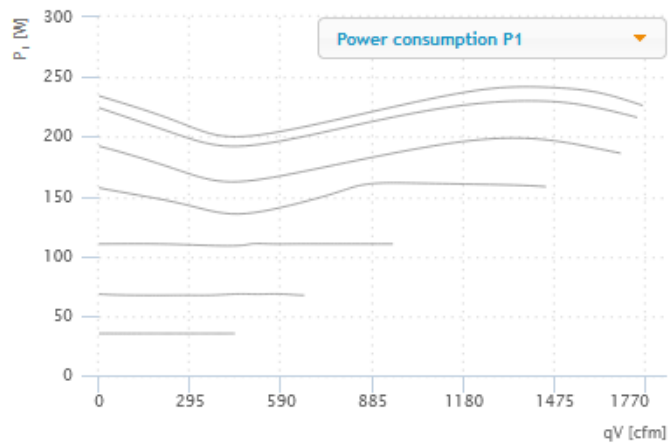
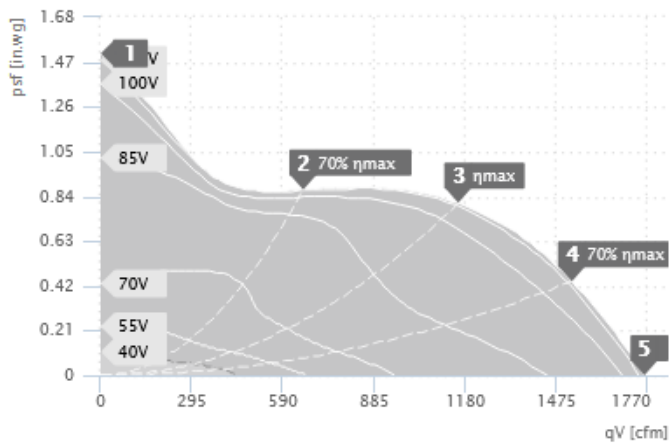
- Mixed flow fan with high efficiency rates
- 3D shaped impeller blades
- Galvanized metal housing
- One-phase AC motor
- Including mounting bracket

14" Prime 60 Hz	
Voltage U_N	120 V 1~
Current I_{max}	2.2 A
Ambient temperature t_A	60 °C
Conveyed medium temperature t_M	60 °C
Speed Control	V
Motor protection	TMI
Insulation class motor	F
Weight	13,8 kg
Number of poles	4
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	2.1	2	2.1	2.1	2
Power consumption P _i	W	232	208	236	240	226
Rotation speed n	1/min	1693	1721	1696	1693	1710
SWL inlet L _{WA5}	dB(A)	77	72	70	70	74
SWL outlet L _{WA6}	dB(A)	81	75	73	74	77
SWL housing break out L _{WA2}	dB(A)	64	63	60	59	61



Type 14" Prime
ID 147527

Connection data entire unit		
Rated frequency	Hz	60
Rated voltage	V	120
Rated power	W	243
Max. operating current	A	2.2
Phase		1~
Motor Type		1~
Type of motor control		V
Motor protection		TMI
Capacitor μ	μ F	22
Capacitor voltage	V	240
Insulation class motor		F
Number of poles		4
IP motor		IP00
IP terminal box		-
IP complete unit		IPX4
Min. operating temperature	°C	-25

Rated current	A	2.1
Rated speed	1/min	1690
Max. static efficiency	%	43.1
Max. total efficiency	%	47.5
Max. allowed frequency (3" motors)	Hz	-
Max. allowed RPM (EC-motors)	1/min	-
Max. power consumption	W	243
Max. current consumption	A	2.2
Max. rotation speed	1/min	1730
Max. air flow	m³/h	2990
Min. pressure	Pa	-
Max. pressure	Pa	375
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	40
Weight	kg	13,8

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	49	62	67	72	72	69	66	57
			2	72	48	58	63	67	67	65	59	49
			3	70	33	50	57	64	65	63	59	48
			4	70	29	45	55	63	66	65	62	50
			5	74	29	49	60	66	68	69	67	54
SWL outlet	L _{WA6}	dB(A)	1	81	50	64	68	77	77	72	67	58
			2	75	43	57	63	71	71	66	60	49
			3	73	34	52	62	69	69	64	57	47
			4	74	29	49	62	68	70	66	60	48
			5	77	30	51	65	72	73	71	65	53
SWL housing break out	L _{WA2}	dB(A)	1	64	51	51	59	56	59	56	50	38
			2	63	51	48	59	54	56	53	45	33
			3	60	36	42	57	49	53	49	43	32
			4	59	30	41	55	49	54	50	48	33
			5	61	31	42	56	52	55	53	52	35