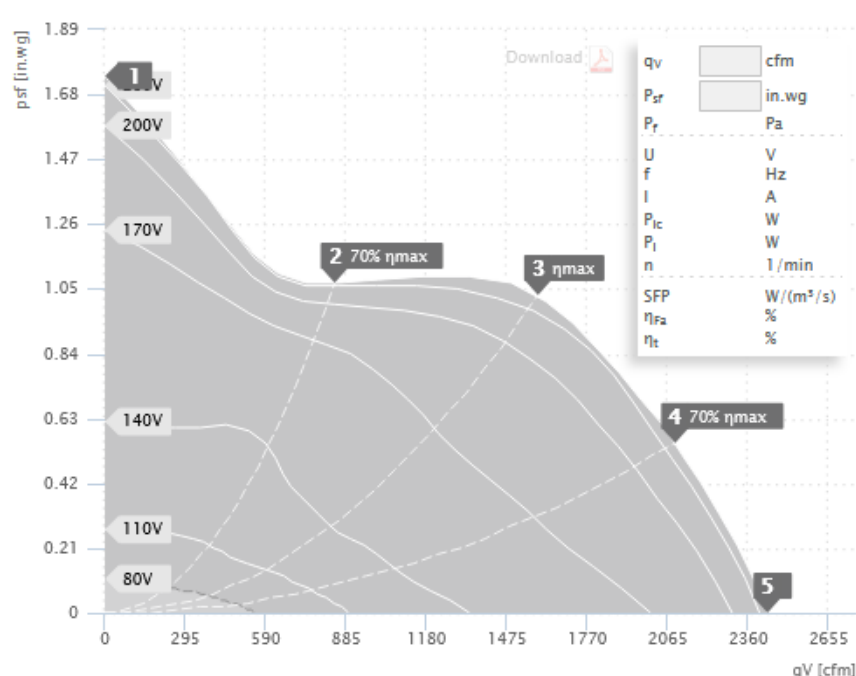


16" Prime | 147545



Price available upon request

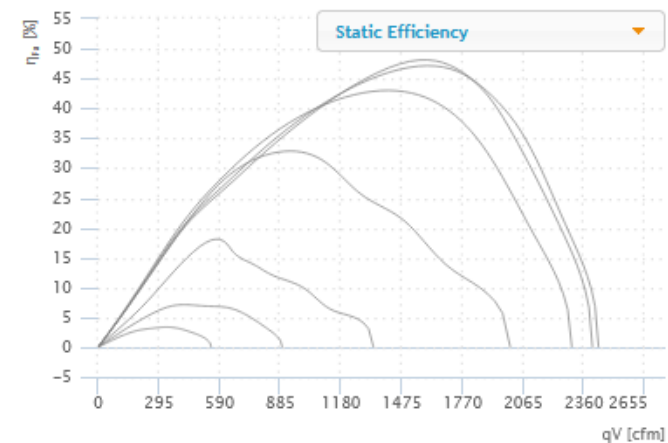
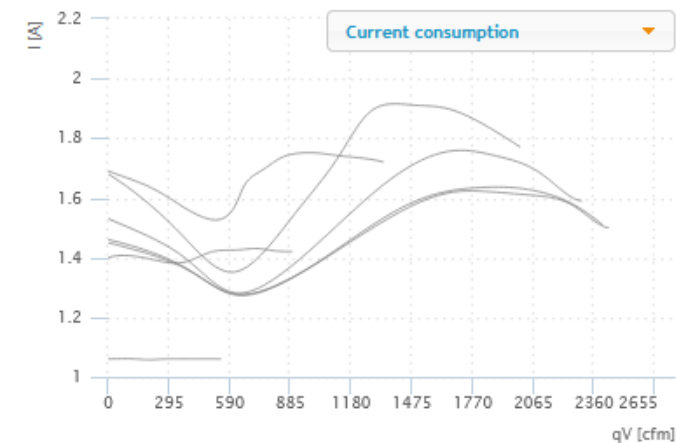
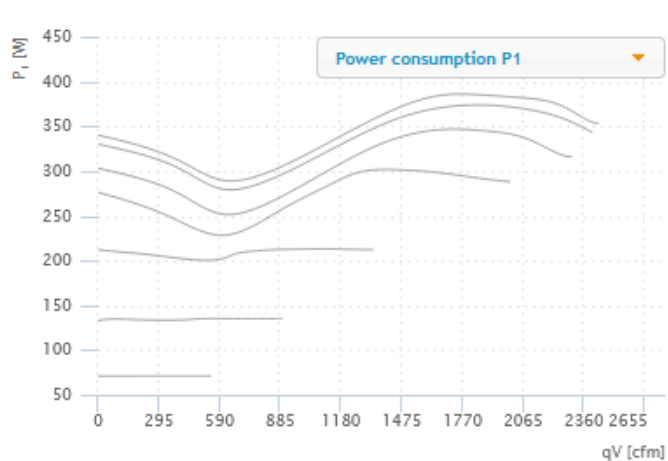
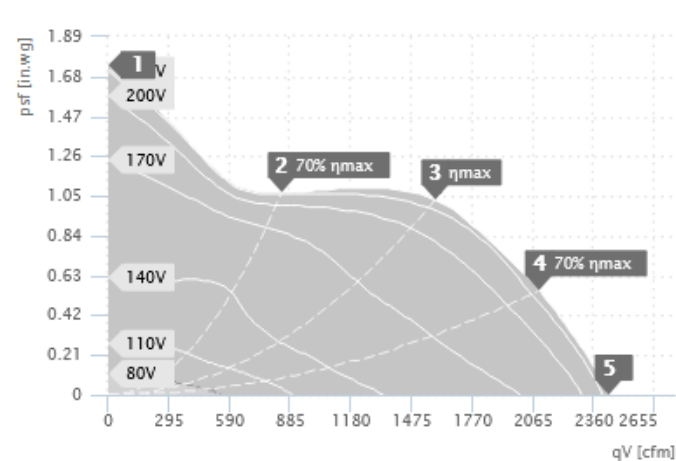
- Mixed flow fan with high efficiency rates
- 3D shaped impeller blades
- Aluminum housing
- One-phase AC motor
- Including mounting bracket



16" Prime 60 Hz	
Voltage U_N	240 V 1~
Current I_{max}	2 A
Ambient temperature t_a	80 °C
Conveyed medium temperature t_M	80 °C
Speed Control	V
Motor protection	TMI
Insulation class motor	F
Weight	12,9 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	1.5	1.3	1.6	1.6	1.5
Power consumption P_1	W	338	300	380	381	353
Rotation speed n	1/min	1686	1712	1664	1668	1689
SWL inlet L_{WA5}	dB(A)	82	78	77	76	80
SWL outlet L_{WA6}	dB(A)	86	82	81	80	84
SWL housing break out L_{WA2}	dB(A)	74	70	68	68	71



Type 16" Prime ID 147545		
Connection data entire unit		
Rated frequency	Hz	60
Rated voltage	V	240
Rated power	W	385
Max. operating current	A	2
Phase		1~
Motor Type		1~
Type of motor control		V
Motor protection		TMI
Capacitor μ	μF	8
Capacitor voltage	V	400
Insulation class motor		F
Number of poles		4
IP motor		IP00
IP terminal box		-
IP complete unit		-
Min. operating temperature	°C	-25

Rated current	A	1.6
Rated speed	1/min	1665
Max. static efficiency	%	47.8
Max. total efficiency	%	51.9
Max. allowed frequency (3" motors)	Hz	-
Max. allowed RPM (EC-motors)	1/min	-
Max. power consumption	W	385
Max. current consumption	A	2
Max. rotation speed	1/min	1720
Max. air flow	m³/h	4130
Min. pressure	Pa	-
Max. pressure	Pa	430
Max. allowed ambient temperature at rated current	°C	80
Max. allowed medium temperature at rated current	°C	80
Max. allowed ambient temperature	°C	80
Max. allowed medium temperature	°C	80
Blocking current	A	-
Min. allowed voltage	V	80
Weight	kg	12,9

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	82	55	64	73	75	77	74	69	59
			2	78	51	59	68	72	75	71	65	55
			3	77	44	55	64	68	75	68	62	52
			4	76	32	49	61	67	73	71	64	53
			5	80	33	54	67	70	75	75	73	59
SWL outlet	L _{WA6}	dB(A)	1	86	56	68	75	81	81	76	71	62
			2	82	52	62	70	77	78	73	68	58
			3	81	51	61	70	76	78	71	65	56
			4	80	34	54	69	73	76	71	65	55
			5	84	36	58	75	78	79	76	73	61
SWL housing break out	L _{WA2}	dB(A)	1	74	54	56	59	68	72	65	60	49
			2	70	51	58	54	64	67	61	56	45
			3	68	49	55	53	63	65	58	54	43
			4	68	32	49	52	62	64	60	55	44
			5	71	32	52	55	64	68	64	61	48