

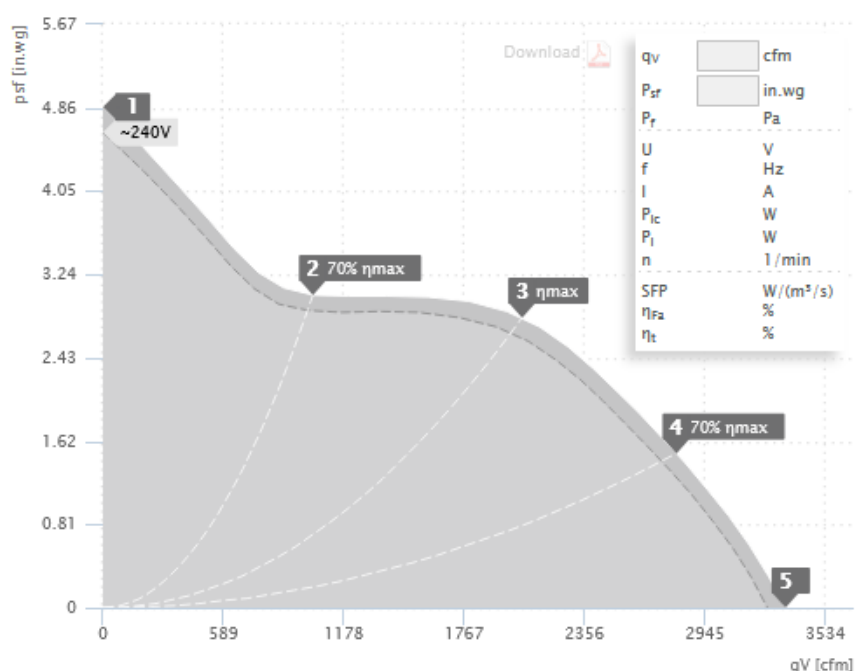
14" Prime HO | 147536



Price available upon request

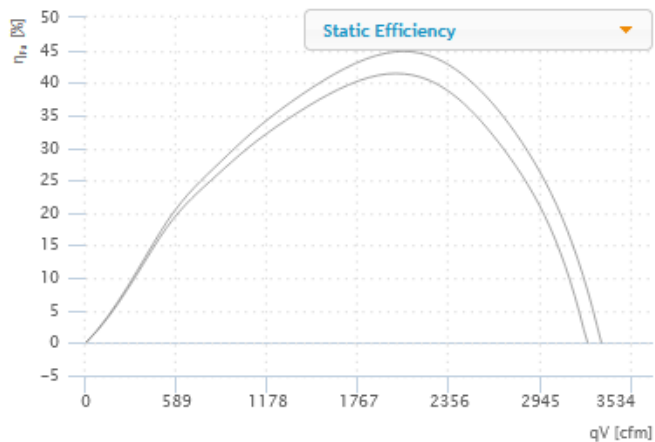
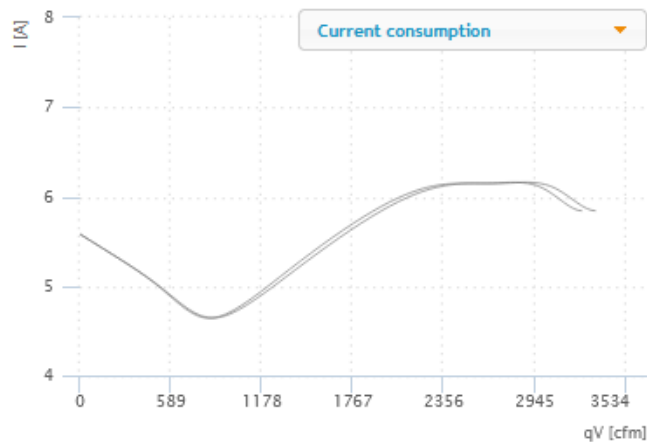
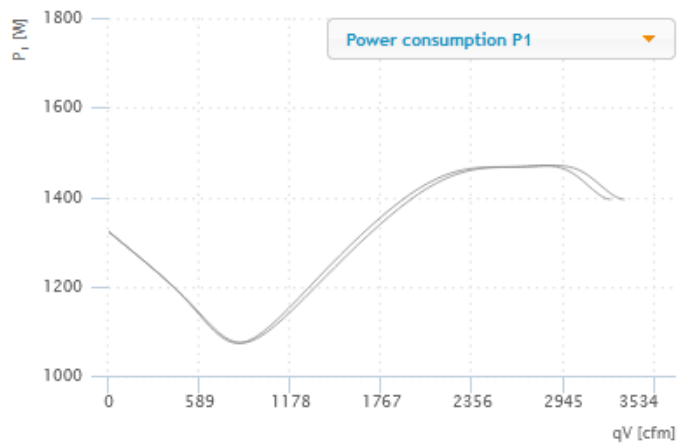
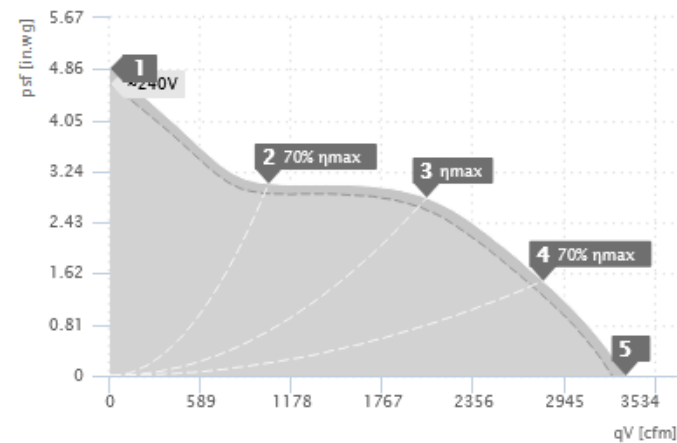
- Mixed flow fan with high efficiency rates
- 3D shaped impeller blades
- Galvanized metal housing
- One-phase AC motor
- Including mounting bracket

14" Prime HO 60 Hz	
Voltage U_N	240 V 1~
Current I_{max}	6.5 A
Ambient temperature t_A	40 °C
Conveyed medium temperature t_M	40 °C
Speed Control	-
Motor protection	TMI
Insulation class motor	F
Weight	17,3 kg
Number of poles	2
IP motor	IP00
IP terminal box	IP44
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	5.6	4.7	5.9	6.2	5.8
Power consumption P_i	W	1322	1099	1416	1469	1394
Rotation speed n	1/min	3190	3295	3149	3136	3243
SWL inlet L_{WA5}	dB(A)	94	89	89	88	89
SWL outlet L_{WA6}	dB(A)	97	92	89	90	95
SWL housing break out L_{WA2}	dB(A)	78	75	71	71	74



Type 14" Prime HO
ID 147536

Connection data entire unit		
Rated frequency	Hz	60
Rated voltage	V	240
Rated power	W	1475
Max. operating current	A	6.5
Phase		1~
Motor Type		1~
Type of motor control		-
Motor protection		TMI
Capacitor μ	μF	22
Capacitor voltage	V	400
Insulation class motor		F
Number of poles		2
IP motor		IP00
IP terminal box		IP44
IP complete unit		IPX4
Min. operating temperature	°C	-25

Rated current	A	6.2
Rated speed	1/min	3120
Max. static efficiency	%	44.4
Max. total efficiency	%	48.6
Max. allowed frequency (3" motors)	Hz	-
Max. allowed RPM (EC-motors)	1/min	-
Max. power consumption	W	1475
Max. current consumption	A	6.5
Max. rotation speed	1/min	3320
Max. air flow	m³/h	5670
Min. pressure	Pa	-
Max. pressure	Pa	1210
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	-
Weight	kg	17,3

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	94	-	73	86	88	89	87	83	76
			2	89	-	67	77	84	85	82	78	69
			3	89	-	60	75	82	84	82	79	73
			4	88	21	55	73	80	83	82	80	76
			5	89	-	54	72	82	85	82	82	78
SWL outlet	L _{WA6}	dB(A)	1	97	-	75	84	91	94	90	86	78
			2	92	-	69	75	85	89	85	79	70
			3	89	-	56	70	82	86	82	77	69
			4	90	-	55	72	83	87	84	79	72
			5	95	-	58	74	87	93	87	83	76
SWL housing break out	L _{WA2}	dB(A)	1	78	-	64	64	71	74	71	67	54
			2	75	-	65	61	66	72	68	63	50
			3	71	-	58	55	63	68	63	60	47
			4	71	-	57	54	63	68	63	60	48
			5	74	-	55	56	67	71	66	63	51