

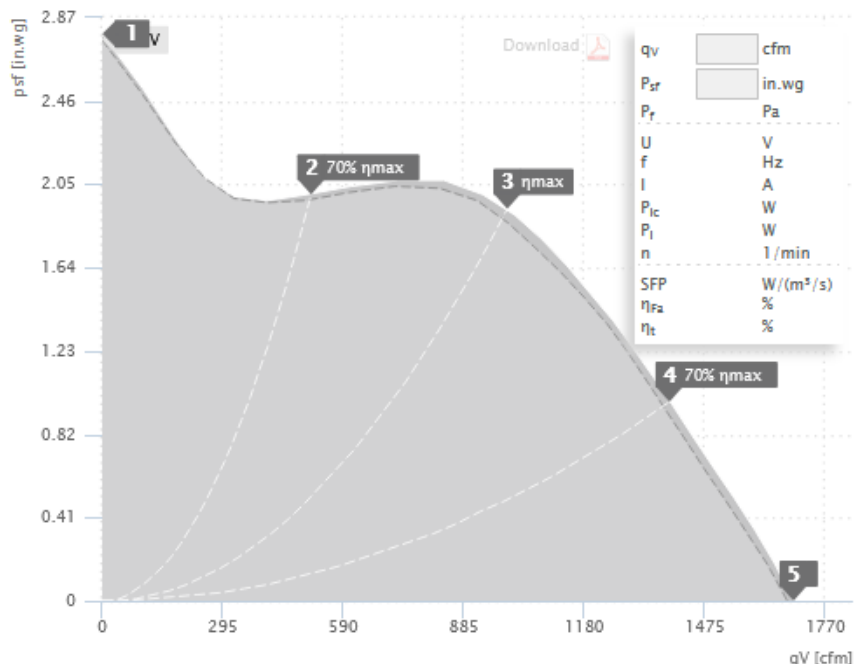
12" S-Prime | 147518



Price available upon request

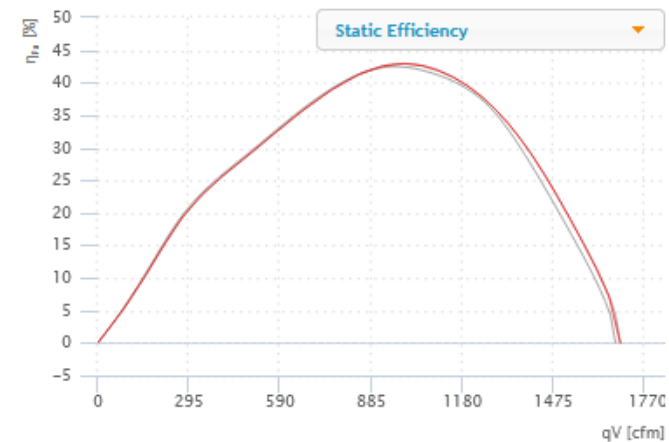
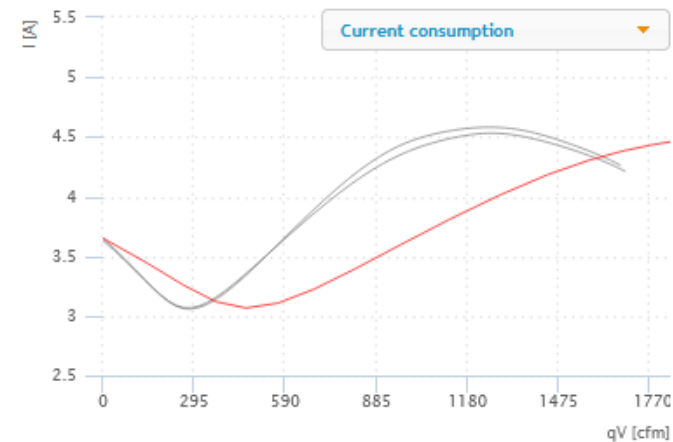
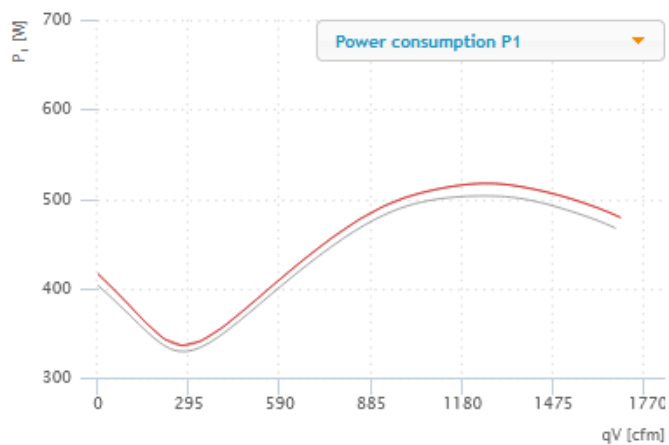
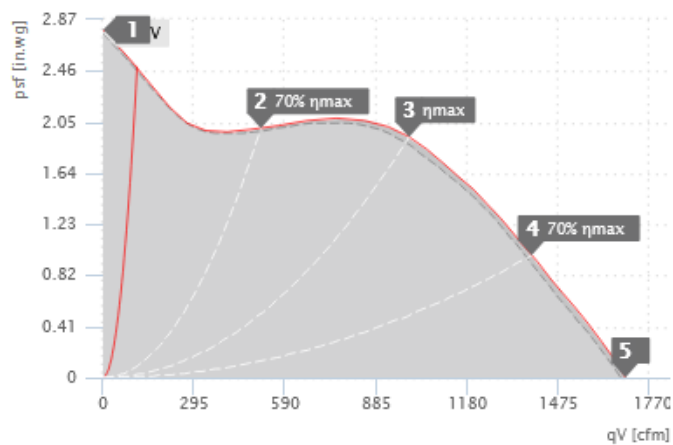
- Sound insulated casing for silent operation
- Incorporated Prime mixed flow fan
- Very high efficiency rates
- Integrated power switch
- One-phase AC motor
- Galvanized sheet steel casing

12" S-Prime 60 Hz	
Voltage U_N	120 V 1~
Current I_{max}	4.7 A
Ambient temperature t_a	40 °C
Conveyed medium temperature t_M	40 °C
Speed Control	V
Motor protection	TMI
Insulation class motor	F
Weight	15,2 kg
Number of poles	2
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	3.6	3.5	4.4	4.5	4.2
Power consumption P_1	W	412	387	502	512	479
Rotation speed n	1/min	3440	3435	3379	3380	3407
SWL inlet L_{WA5}	dB(A)	80	79	76	77	80
SWL outlet L_{WA6}	dB(A)	81	80	79	80	83
SWL housing break out L_{WA2}	dB(A)	68	65	65	65	68



Type 12" S-Prime ID 147518				Rated current				A	4.5
				Rated speed				1/min	3380
Connection data entire unit				Max. static efficiency				%	42.6
Rated frequency	Hz	60		Max. total efficiency				%	45.4
Rated voltage	V	120		Max. allowed frequency (3" motors)				Hz	-
Rated power	W	517		Max. allowed RPM (EC-motors)				1/min	-
Max. operating current	A	4.7		Max. power consumption				W	517
Phase		1~		Max. current consumption				A	4.7
Motor Type		1~		Max. rotation speed				1/min	3470
Type of motor control		V		Max. air flow				m³/h	2870
Motor protection		TMI		Min. pressure				Pa	-
Capacitor µ	µF	20		Max. pressure				Pa	695
Capacitor voltage	V	250		Max. allowed ambient temperature at rated current				°C	40
Insulation class motor		F		Max. allowed medium temperature at rated current				°C	40
Number of poles		2		Max. allowed ambient temperature				°C	40
IP motor		IP00		Max. allowed medium temperature				°C	40
IP terminal box		-		Blocking current				A	-
IP complete unit		-		Min. allowed voltage				V	120
Min. operating temperature	°C	-25		Weight				kg	15,2

Sound Measurement (Octave)				Σ	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
SWL inlet	L _{VWA5}	dB(A)	1	80	50	66	74	73	72	71	71	63
			2	79	45	65	72	73	72	70	69	61
			3	76	37	52	64	70	69	69	69	60
			4	77	37	54	65	69	70	70	72	62
			5	80	39	58	65	72	72	72	76	66
SWL outlet	L _{VWA6}	dB(A)	1	81	53	71	72	75	76	70	69	64
			2	80	48	68	70	75	76	69	67	61
			3	79	39	54	65	74	75	69	66	58
			4	80	40	57	66	75	76	70	69	61
			5	83	41	61	69	80	79	72	72	63
SWL housing break out	L _{VWA2}	dB(A)	1	68	50	58	59	63	63	60	53	39
			2	65	40	41	56	61	59	57	49	34
			3	65	39	41	56	61	59	57	49	34
			4	65	37	42	56	61	59	58	52	36
			5	68	38	45	57	61	65	60	55	39