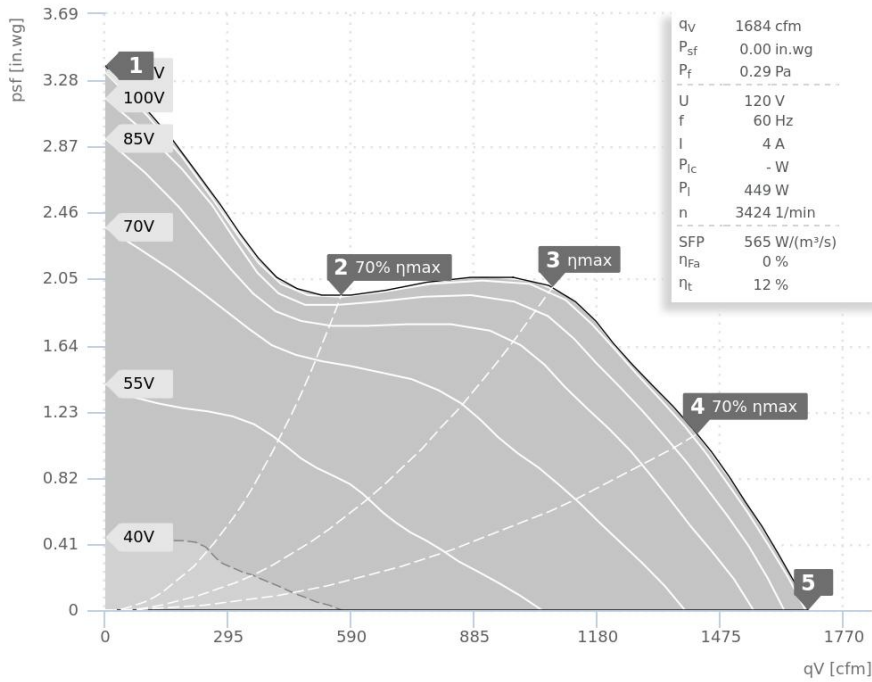


# DATA SHEET



## 12" Prime | 147509



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

Operating Point		1	2	3	4	5
Current I	A	3,7	3,2	4,2	4,3	4,0
Power consumption P <sub>i</sub>	W	418	350	479	491	449
Rotation speed n	1/min	3431	3451	3395	3392	3424
SWL inlet L <sub>WA5</sub>	dB(A)	86	83	81	81	84
SWL outlet L <sub>WA6</sub>	dB(A)	90	87	85	85	88
SWL casing break out L <sub>WA2</sub>	dB(A)	71	68	68	68	70

Sound power (L <sub>W</sub> ) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L <sub>WA5</sub>	84	43	50	66	75	77	76	80	70
Outlet	L <sub>WA6</sub>	88	49	52	68	79	84	82	81	72
Housing radiation	L <sub>WA2</sub>	70	47	42	61	64	63	62	63	55

12" Prime   147509	
Voltage U <sub>N</sub>	120 V 1~
Current I <sub>max</sub>	6,2 A
Ambient temperature t <sub>A</sub>	40 °C
Medium temperatures t <sub>M</sub>	40 °C
Speed Control	V
Motor protection	TMI
Insulation class motor	F
Weight	10,4 kg
Number of poles	2
IP motor	IP00
IP terminal box	IP44
IP complete unit	IPX4
Min. operating temperature	-25 °C