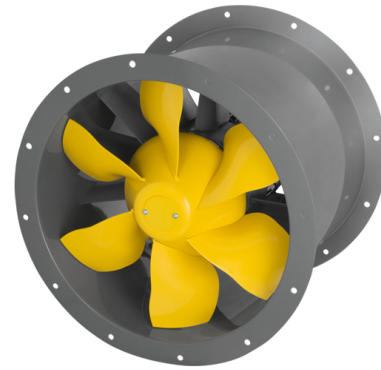
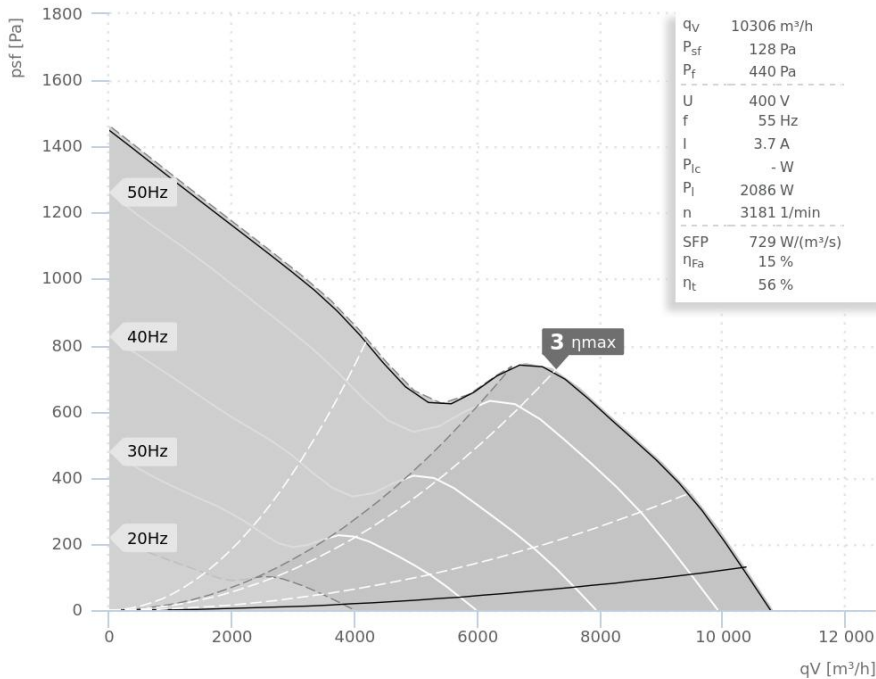


# DATA SHEET

## AL 400 D2 01 | 154096



- Efficient IEC standard motor, efficiency class IE3, frequency controllable
- CFD optimized 3D impeller and 3D stator blades
- A stator downstream of the impeller increases pressure and efficiency
- Cone hub for optimal incident flow at the impeller
- Exceeds the current ErP regulation by 15-20%
- Conveyor temperature up to 60 °C in continuous operation
- Robust, but light welded construction
- Double function of the stator blades which, in addition to the important aerodynamic function, ensure extreme stiffness of the housing
- Suitable for outdoor installation

Operating Point		1	2	3	4	5
Current I	A	5,7	3,6	4,3	4,0	3,5
Power consumption P <sub>i</sub>	W	3461	2066	2513	2303	1998
Rotation speed n	1/min	3086	3197	3171	3193	3206
SWL inlet L <sub>WA5</sub>	dB(A)	103	98	97	98	99
SWL outlet L <sub>WA6</sub>	dB(A)	103	97	99	100	101
SWL casing break out L <sub>WA2</sub>	dB(A)	84	78	77	77	76

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>	98	55	55	78	95	86	92	85	75
Outlet	L <sub>WA6</sub>	101	55	59	79	97	96	93	86	77
Housing radiation	L <sub>WA2</sub>	76	46	48	55	69	73	73	63	53

AL 400 D2 01   154096	
Voltage U <sub>N</sub>	400 V 3~
Current I <sub>max</sub>	4,5 A
Ambient temperature t <sub>A</sub>	60 °C
Medium temperatures t <sub>M</sub>	60 °C
Speed Control	f
Motor protection	-
Insulation class motor	F
Weight	29,7 kg
Number of poles	2
IP motor	IP55
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C