

Data related, according to AMCA 210-07, with air density 1,205 kg/m<sup>3</sup> at 20°C

Performance data are obtained in compliance with the internationally recognized AMCA 210-07 standards and ISO 5801:2007. Data obtained with high efficiency conveying panel without guard grill on the pressure side, A configuration. The values given are applicable only under the specified measuring conditions and may differ depending on the installation conditions. In the event of deviation from the standard configuration, the values given must be checked after installation.

(1) LwA\_tot: Total Sound power levels (intake and pressure side) determined in accordance with ISO 3744. The uncertainty conforms to ISO 12001, accuracy grade 2.

(2) LwA\_ps: Sound power levels (intake or pressure side, according to DIN45635 Part 1. Appendix F, ISO 3744) determined in accordance with ISO 3744. The uncertainty conforms to ISO 12001, accuracy grade 2.

(3) LwA\_ag2: Sound power levels (intake or pressure side, according to DIN45635 Part 1. Appendix F, ISO 3744) determined in accordance with ISO 3744. Minimum value allowed by the combined tolerance on the measured value of the fan (-3 dB(A) according to ISO 3744 accuracy grade 2 ISO 12001) and the measured value of the forced convection device (+3 dB(A) according to EN 13487/ISO 3744 accuracy grade 2 ISO 12001).

Manufacturing tolerance in accordance with ISO 13348 (tolerance grade AN4)

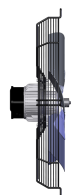
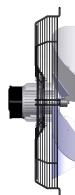
Point	Conn.	U	f	n	Pass	I	LwA,tot (1)	LwA,ps (2)	LwA,ag2 (3)	Q	P
-	-	V	Hz	RPM	W	A	dB(A)	dB(A)	dB(A)	m3/h	Pa
1	↘	3~230Δ / 400Y	50	2866	237	1,37 / 0,79	75,2	72,2	66,2	3302	0
2	↘	3~230Δ / 400Y	50	2805	358	1,49 / 0,86	74,8	71,8	65,8	2604	147
3	↘	3~230Δ / 400Y	50	2776	402	1,56 / 0,9	76,6	73,6	67,6	2001	204

### Nameplate

Conn.	U [V]	f [Hz]	RPM	Pnom [W]	I [A]	Ins.	IP	T <sub>a</sub> [°C]
↘	3~230 Δ / 400 Y	50	2776	402	1,56 / 0,9	F	55	-40/+70

### ERP 2015 - Maximum efficiency point

Efficiency target [%]	Fan η(A, Stat) [%]	RPM	Pass [W]	Q [m3/h]	P [Pa]
31,1	33	2784	393	2234	195



**Description:** AL 031-27-2T-P-3X05E-P AL 031-27-2T-P-3X05E-A AL 031-27-2T-C-3X05E-P AL 031-27-2T-C-3X05E-A  
**Part number:**