E02 · WALL FANS

AS-AXR-2K

Commercial Round-Body Wall Axial Fans



AS-AXR-2K wall-type axial fans have a round body that allows easy mounting on a wall or in a window opening. With their low noise level and low energy consumption, they are well suited to the ventilation needs of residential and commercial spaces.

The casing is made of galvanized sheet steel with an electrostatic powder coating, and the fans are designed for wall installation. The axial impellers have steel sheet blades and cover sizes from Ø200 to Ø350 mm. Impellers are balanced to ISO 1940-1, and the fans are direct-drive.

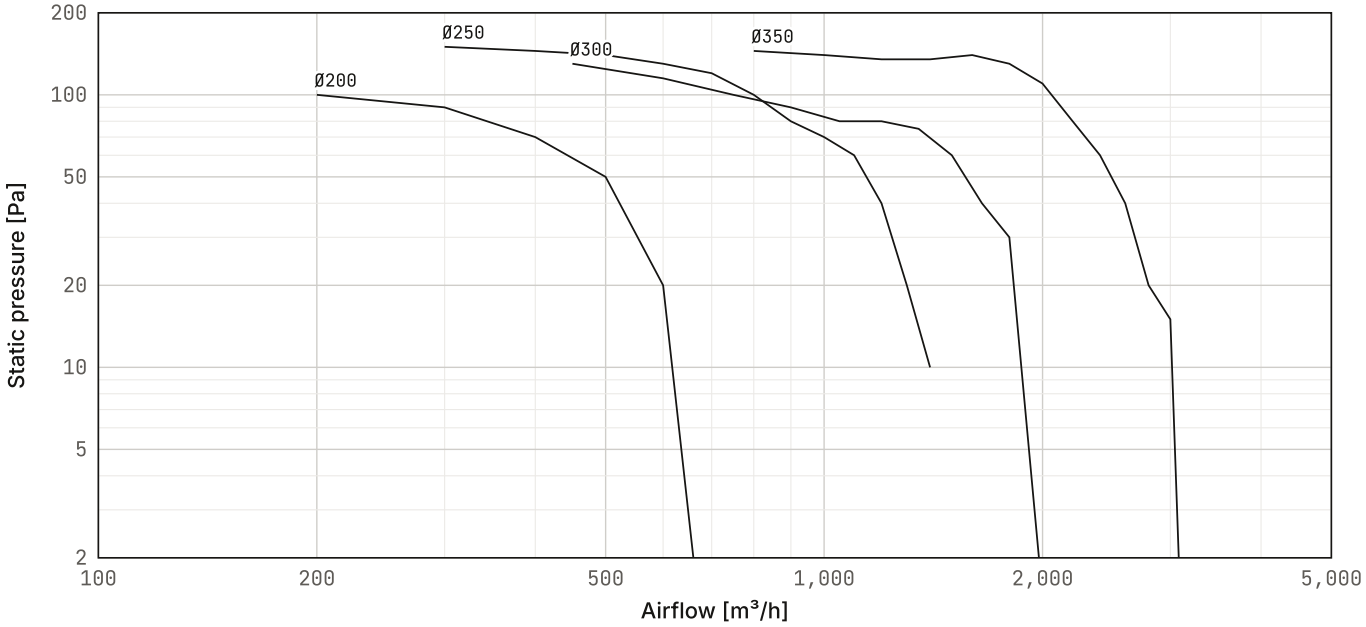
The 2-pole external-rotor motors have IP44 protection and class F insulation and are rated for S1 and S2 duty. They run on 230 V single-phase supply, with versions for both 50 Hz and 60 Hz. Operating air temperature: −20 °C to +50 °C. Standards: IEC 60335-2-80, ISO 1940-1.

AIRFLOW UP TO	STATIC PRESSURE UP TO	IMPELLER Ø	MOTOR POWER
3,110 m³/h	200 Pa	200 – 350 mm	0.05 – 0.08 kW
SPEED	**SUPPLY**	**TEMPERATURE CLASS**	**MOTOR**
2,550 – 2,700 min⁻¹	230 V 1~ · 50 Hz	50°C	IP44 · F



Selection chart

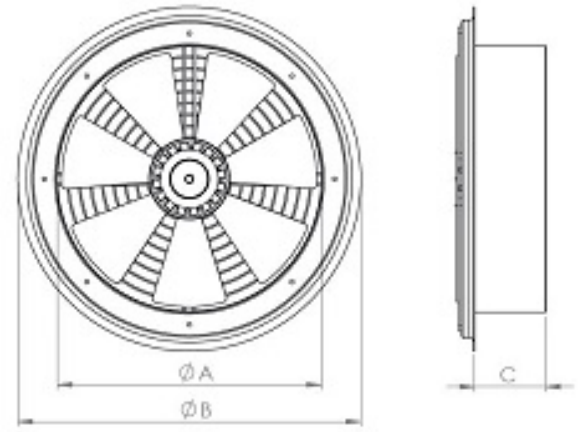
50 Hz · Static pressure at 1.204 kg/m³ with the standard motor.



Technical data 50 Hz

Model	Ø [mm]	Motor [kW]	Speed [min⁻¹]	Supply	I [A]	Max. airflow [m³/h]	Max. pressure [Pa]	LpA 1 m [dB(A)]
AS-AXR-2K 200	200	0.05	2,650	230 V 1~	0.5	680	120	50
AS-AXR-2K 250	250	0.06	2,700	230 V 1~	0.6	1,400	170	52
AS-AXR-2K 300	300	0.08	2,550	230 V 1~	0.6	2,025	185	54
AS-AXR-2K 350	350	0.08	2,650	230 V 1~	1.1	3,110	200	58

Dimensions [mm]

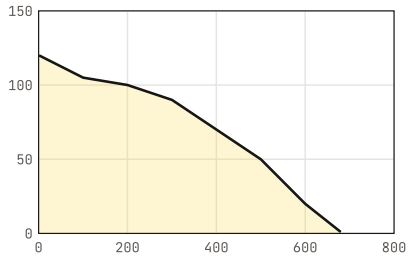


Model	A	B	C	D
AS-AXR-2K 200	250	250	197	85
AS-AXR-2K 250	300	300	247	85
AS-AXR-2K 300	350	350	297	85
AS-AXR-2K 350	400	400	347	85

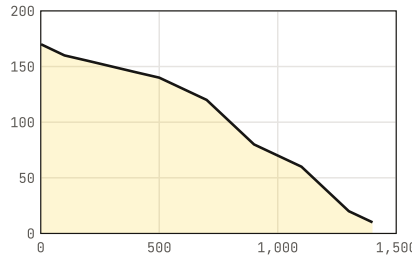
Performance curves

Static pressure [Pa] vs airflow [m³/h], standard motor, 1.204 kg/m³.

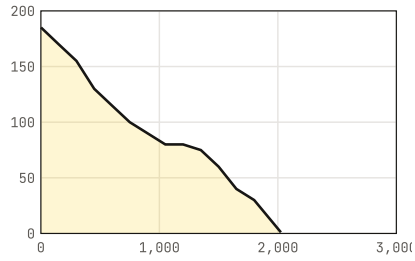
AS-AXR-2K 200 2,650 min⁻¹ · 0.05 kW



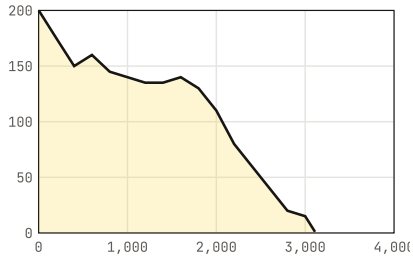
AS-AXR-2K 250 2,700 min⁻¹ · 0.06 kW



AS-AXR-2K 300 2,550 min⁻¹ · 0.08 kW



AS-AXR-2K 350 2,650 min⁻¹ · 0.08 kW



Sound power level Lw [dB] per octave band

casing radiated · 63–8000 Hz

Model	63	125	250	500	1k	2k	4k	8k	Total	LpA 1 m [dB(A)]
AS-AXR-2K 200	36	47	62	61	62	60	57	52	**68**	50
AS-AXR-2K 250	38	49	64	63	64	62	59	54	**70**	52
AS-AXR-2K 300	40	51	66	65	66	64	61	56	**72**	54
AS-AXR-2K 350	44	55	70	69	70	68	65	60	**76**	58

Notes

Sound pressure level at 1 m (free field) from the AEROMIS product database.
4 model(s) also available for 60 Hz — see the fan selector.
Full performance, acoustic octave bands, motor options and datasheets: AEROMIS fan selector.