Max. 89 m³/h

AC axial fans

☐ 92 x 38 mm



- **Material:** Housing: Die-cast aluminum
  Impeller: painted sheet steel
- **Direction of air flow:** Exhaust over struts
- **Direction of rotation:** Clockwise, looking towards rotor
- **Connection:** Via 2 single wires
  grounding lug for M4 x 8
- **Weight:** 420 g
- **Note:**
  Please note our ACmaxx series.
  With identical mounting dimensions and voltages, this series achieves greater energy efficiency.
  See page 197.

- **Possible special versions:**
  (See page 10)
  - Moisture protection
  - Salt spray protection
  - Degree of protection: IP 54 / IP 65

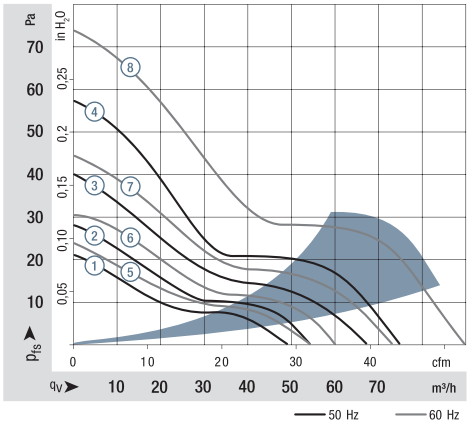
Series 3000
VWC0092AQHCS

Nominal data

Type	Air flow m³/h	Air flow cfm	Nominal voltage VAC	Frequency Hz	Sound pressure level dB(A)	Sound power level Bel(A)	Sintec sleeve bearings □ / Ball bearings ■	Power consumption Watts	Nominal speed rpm⁻¹	Temperature range °C	Service life L_{10} (40 °C) ebm-papst standard Hours	Service life L_{10} (T_{max}) ebm-papst standard Hours	Life expectancy L_{10IPC} (40 °C) see page 15 Hours	Curve
3850	49	28.8	**230**	**50**	24	3.7	□	9.0	1 750	-10...+75	60 000 / 25 000		102 500	①
3856	54	31.8	**230**	**50**	26	3.9	■	9.0	1 950	-40...+90	60 000 / 12 500		102 500	②
3550	67	39.4	**230**	**50**	32	4.4	□	8.5	2 300	-10...+80	60 000 / 20 000		102 500	③
3556	67	39.4	**230**	**50**	33	4.5	■	8.5	2 400	-40...+90	60 000 / 12 500		102 500	③
3650	75	44.1	**230**	**50**	36	4.8	□	12.0	2 650	-10...+55	52 500 / 37 500		87 500	④
3656	75	44.1	**230**	**50**	37	4.9	■	12.0	2 700	-40...+75	52 500 / 20 000		87 500	④
3800	54	31.8	**115**	**60**	26	3.9	□	8.0	1 900	-10...+80	62 500 / 20 000		105 000	⑤
3806	60	35.3	**115**	**60**	29	4.2	■	8.0	2 150	-40...+95	62 500 / 10 000		105 000	⑥
3500	73	43.0	**115**	**60**	35	4.6	□	8.0	2 500	-10...+80	62 500 / 20 000		105 000	⑦
3506	73	43.0	**115**	**60**	36	4.7	■	8.0	2 600	-40...+95	62 500 / 10 000		105 000	⑦
3600	89	52.4	**115**	**60**	41	5.1	□	11.0	3 100	-10...+65	55 000 / 30 000		92 500	⑧
3606	89	52.4	**115**	**60**	42	5.2	■	11.0	3 200	-40...+75	55 000 / 22 500		92 500	⑧

Subject to change

Fan type	Length "L"	Connection wires
With sleeve bearings	310 mm long	AWG 18, TR 64
With ball bearings	310 mm long	AWG 18



Air performance measured according to: ISO 5801.
Installation category A, without contact protection.
Noise: Total sound power level L_{WA} ISO 10302 measured on a hemisphere with a radius of 2 m.
Sound pressure level L_{pA} measured at 1 m distance from fan axis.
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 parameters must be checked after installation!
For detailed information see
http://www.ebmpapst.com/general conditions

