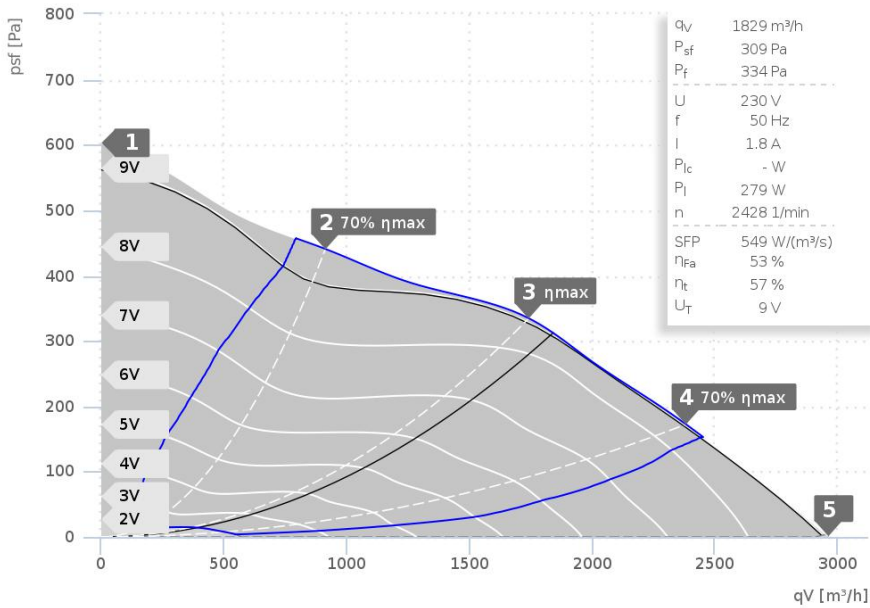


DATA SHEET

EM 315 EC 01 | 130708



- Diagonal impeller with stator
- EC motor
- Integrated electronic
- Variable speed control
- Internal electronic temperature monitoring
- Plastic housing
- Including mounting bracket

— ErP compliant range

| Operating Point | | 1 | 2 | 3 | 4 | 5 |
|---------------------------------------|-------|------|------|------|------|------|
| Current I | A | 1,8 | 1,8 | 1,9 | 1,9 | 1,9 |
| Power consumption P ₁ | W | 280 | 280 | 282 | 281 | 282 |
| RPM n | 1/min | 2716 | 2786 | 2453 | 2455 | 2609 |
| SPL inlet L _{WA5} | dB(A) | 82 | 80 | 77 | 76 | 79 |
| SPL outlet L _{WA6} | dB(A) | 85 | 83 | 80 | 79 | 82 |
| SPL casing break out L _{WA2} | dB(A) | 72 | 73 | 69 | 69 | 71 |

| Sound power (L _W) dB(A) | | Medium Frequency Band | | | | | | | | |
|-------------------------------------|------------------|-----------------------|----|-----|-----|-----|----|----|----|----|
| | | Σ | 63 | 125 | 250 | 500 | 1k | 2k | 4k | 8k |
| Inlet | L _{WA5} | 77 | 35 | 52 | 65 | 69 | 72 | 70 | 70 | 61 |
| Outlet | L _{WA6} | 82 | 50 | 64 | 72 | 77 | 78 | 74 | 68 | 58 |
| Casing | L _{WA2} | 69 | 38 | 38 | 50 | 58 | 68 | 53 | 44 | 33 |

| EM 315 EC 01 130708 | |
|------------------------------------|----------|
| Voltage U _N | 230 V 1~ |
| Current I _{max} | 2,0 A |
| Ambient Temperature t _A | 45 °C |
| Medium temperatures t _M | 45 °C |
| Speed Control | 0-10V |
| Motor Protection | TEC |
| Isolation Class | F |
| Weight | 6,9 kg |

