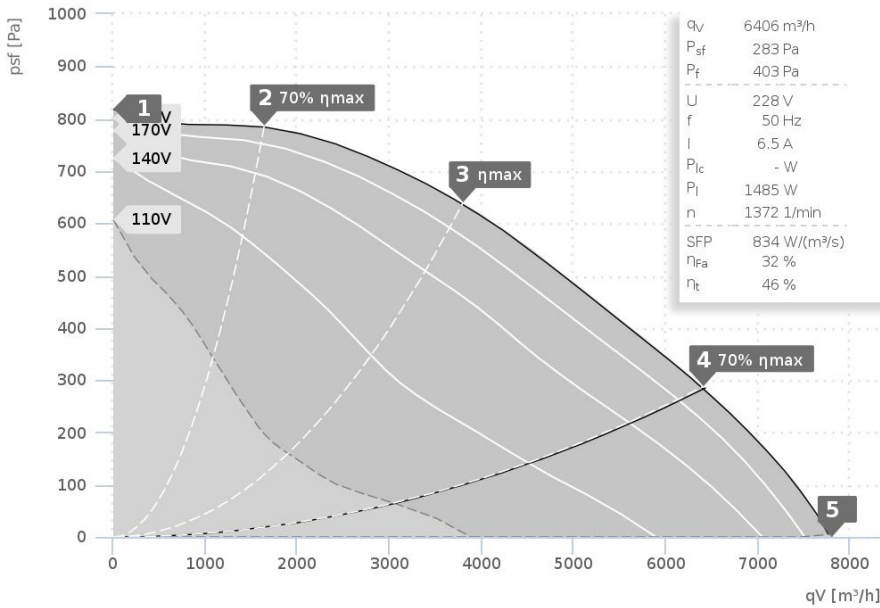


# DATA SHEET

## MPS 500 E4 21 | 138045



- Max. medium temperature 120°C
- Motor outside of air stream
- Speed controllable
- Swing-out fan unit
- With condensate and grease drain

— ErP compliant range

| Operating Point                       |       | 1    | 2    | 3    | 4    | 5    |
|---------------------------------------|-------|------|------|------|------|------|
| Current I                             | A     | 3,4  | 4,7  | 6,1  | 6,5  | 5,9  |
| Power consumption P <sub>1</sub>      | W     | 712  | 1060 | 1388 | 1494 | 1356 |
| RPM n                                 | 1/min | 1452 | 1421 | 1382 | 1377 | 1394 |
| SPL inlet L <sub>WA5</sub>            | dB(A) | 81   | 80   | 79   | 81   | 84   |
| SPL outlet L <sub>WA6</sub>           | dB(A) | 80   | 79   | 78   | 81   | 83   |
| SPL casing break out L <sub>WA2</sub> | dB(A) | 74   | 73   | 72   | 74   | 74   |

| 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> | 81                    | 53 | 73  | 74  | 74  | 75 | 72 | 70 | 63 |
| Outlet                              | L <sub>WA6</sub> | 81                    | 51 | 72  | 70  | 73  | 78 | 71 | 68 | 61 |
| Casing                              | L <sub>WA2</sub> | 73                    | 46 | 65  | 60  | 63  | 72 | 58 | 56 | 47 |

| MPS 500 E4 21   138045             |          |
|------------------------------------|----------|
| Voltage U <sub>N</sub>             | 230 V 1~ |
| Current I <sub>max</sub>           | 8,4 A    |
| Ambient temperature t <sub>A</sub> | 40 °C    |
| Medium temperatures t <sub>M</sub> | 120 °C   |
| Speed Control                      | V        |
| Motor protection                   | TAO      |
| Insulation class motor             | F        |
| Weight                             | 105,0 kg |
| Poles                              | 4        |
| IP motor                           | IP54     |
| IP terminal box                    | -        |
| Min. operating temperature         | -25 °C   |

