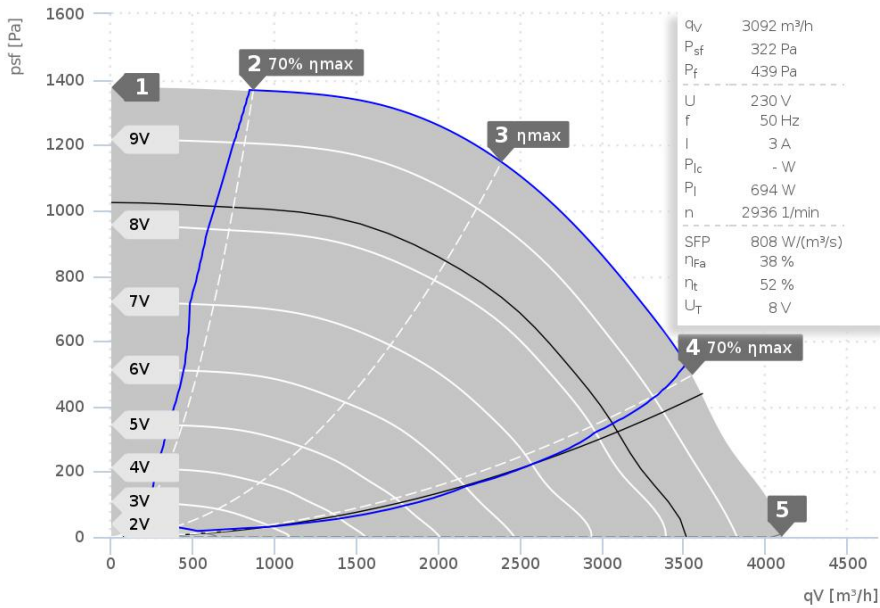


# DATA SHEET

## MPS 280 EC 20 | 136074



- Max. medium temperature 120°C
- EC-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     | 2,0  | 3,4  | 5,4  | 4,9  | 3,9  |
| Power consumption P <sub>1</sub>      | W     | 445  | 767  | 1225 | 1118 | 885  |
| RPM n                                 | 1/min | 3423 | 3433 | 3432 | 3427 | 3429 |
| SPL inlet L <sub>WA5</sub>            | dB(A) | 88   | 87   | 88   | 91   | 93   |
| SPL outlet L <sub>WA6</sub>           | dB(A) | 91   | 90   | 88   | 91   | 93   |
| SPL casing break out L <sub>WA2</sub> | dB(A) | 79   | 78   | 77   | 78   | 78   |

| 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> | 86                    | 46 | 66  | 77  | 82  | 79 | 78 | 75 | 69 |
| Outlet                              | L <sub>WA6</sub> | 89                    | 48 | 63  | 84  | 81  | 81 | 81 | 78 | 71 |
| Casing                              | L <sub>WA2</sub> | 74                    | 57 | 63  | 69  | 66  | 66 | 67 | 63 | 57 |

| MPS 280 EC 20   136074             |          |
|------------------------------------|----------|
| Voltage U <sub>N</sub>             | 230 V 1~ |
| Current I <sub>max</sub>           | 5,7 A    |
| Ambient temperature t <sub>A</sub> | 50 °C    |
| Medium temperatures t <sub>M</sub> | 120 °C   |
| Speed Control                      | 0-10V    |
| Motor Protection                   | TEC      |
| Isolation Class                    | F        |
| Weight                             | 38,1 kg  |

