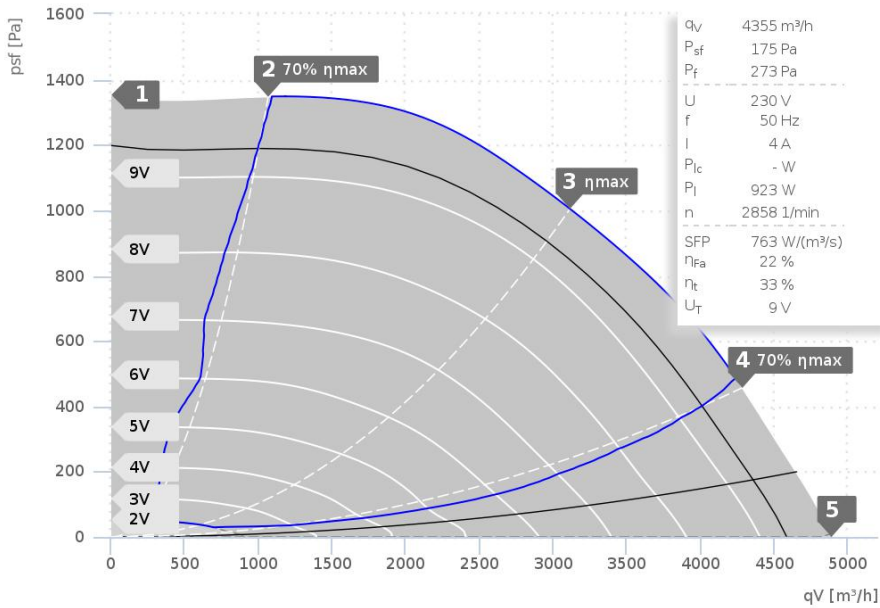


# DATA SHEET

## MPS 315 EC 21 | 139638



- 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     | 2,1  | 4,0  | 6,0  | 5,3  | 4,3  |
| Power consumption P <sub>1</sub>      | W     | 471  | 919  | 1385 | 1223 | 974  |
| RPM n                                 | 1/min | 3043 | 3046 | 2995 | 3043 | 3045 |
| SPL inlet L <sub>WA5</sub>            | dB(A) | 88   | 86   | 85   | 91   | 92   |
| SPL outlet L <sub>WA6</sub>           | dB(A) | 90   | 88   | 85   | 89   | 91   |
| SPL casing break out L <sub>WA2</sub> | dB(A) | 78   | 77   | 74   | 76   | 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> | 90                    | 50 | 66  | 85  | 85  | 80 | 79 | 76 | 71 |
| Outlet                              | L <sub>WA6</sub> | 90                    | 52 | 64  | 85  | 82  | 84 | 83 | 78 | 74 |
| Casing                              | L <sub>WA2</sub> | 76                    | 58 | 68  | 72  | 69  | 66 | 67 | 61 | 54 |

| MPS 315 EC 21   139638             |          |
|------------------------------------|----------|
| Voltage U <sub>N</sub>             | 230 V 1~ |
| Current I <sub>max</sub>           | 6,3 A    |
| Ambient temperature t <sub>A</sub> | 45 °C    |
| Medium temperatures t <sub>M</sub> | 120 °C   |
| Speed Control                      | 0-10V    |
| Motor Protection                   | TEC      |
| Isolation Class                    | F        |
| Weight                             | 49,0 kg  |

