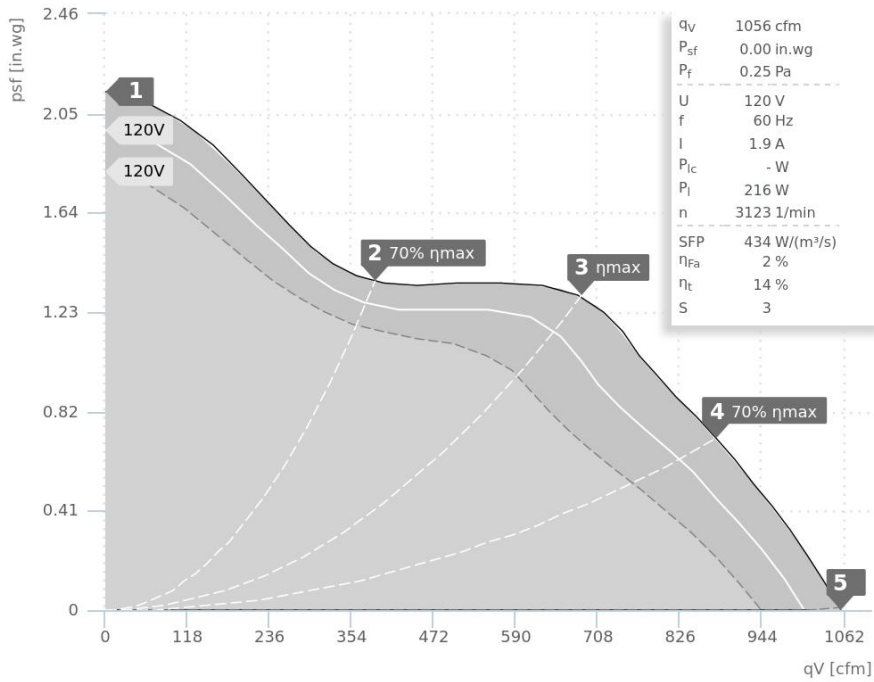


# DATA SHEET



## 10" Prime Evo | 147680



| Operating Point                |       | 1    | 2    | 3    | 4    | 5    |
|--------------------------------|-------|------|------|------|------|------|
| Current $I$                    | A     | 1,8  | 1,7  | 2,0  | 2,0  | 1,9  |
| Power consumption $P_l$        | W     | 204  | 200  | 235  | 233  | 216  |
| RPM $n$                        | 1/min | 3166 | 3174 | 3022 | 3040 | 3123 |
| SPL inlet $L_{WA5}$            | dB(A) | 78   | 77   | 78   | 78   | 79   |
| SPL outlet $L_{WA6}$           | dB(A) | 82   | 80   | 80   | 80   | 81   |
| SPL casing break out $L_{WA2}$ | dB(A) | 62   | 62   | 62   | 59   | 60   |

| Sound power ( $L_W$ ) dB(A) |           | Medium Frequency Band |    |     |     |     |    |    |    |    |
|-----------------------------|-----------|-----------------------|----|-----|-----|-----|----|----|----|----|
|                             |           | $\Sigma$              | 63 | 125 | 250 | 500 | 1k | 2k | 4k | 8k |
| Inlet                       | $L_{WA5}$ | 79                    | 36 | 46  | 56  | 70  | 76 | 73 | 68 | 63 |
| Outlet                      | $L_{WA6}$ | 81                    | 33 | 49  | 60  | 71  | 77 | 78 | 70 | 64 |
| Casing                      | $L_{WA2}$ | 60                    | 41 | 40  | 50  | 45  | 56 | 55 | 46 | 38 |

| 10" Prime Evo   147680     |          |
|----------------------------|----------|
| Voltage $U_N$              | 120 V 1~ |
| Current $I_{max}$          | 2,1 A    |
| Ambient temperature $t_A$  | 50 °C    |
| Medium temperatures $t_M$  | 50 °C    |
| Speed Control              | 3-2-1    |
| Motor protection           | TAI      |
| Insulation class motor     | F        |
| Weight                     | 5,0 kg   |
| Poles                      | 2        |
| IP motor                   | IP00     |
| IP terminal box            | -        |
| Min. operating temperature | -25 °C   |