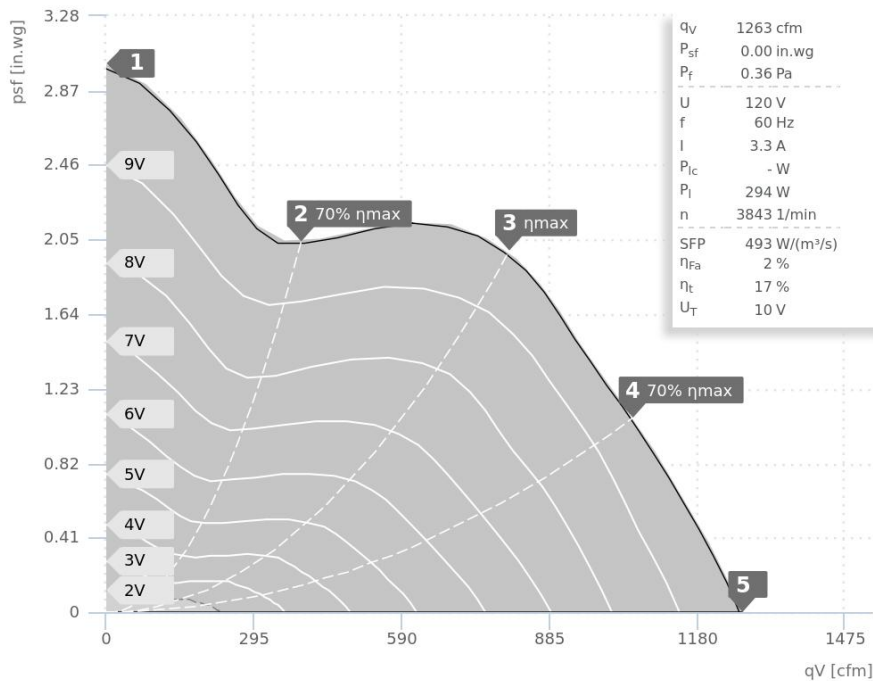


# DATA SHEET

**ruck**  
AIR MOVEMENT

## 10" S-Prime Evo EC | 147707



- Sound insulated casing for silent operation
- Incorporated Prime Evo EC mixed flow fan
- Highest efficiency rates
- Powerful EC motor
- Galvanized sheet steel casing

| Operating Point                       |       | 1    | 2    | 3    | 4    | 5    |
|---------------------------------------|-------|------|------|------|------|------|
| Current I                             | A     | 2,9  | 2,6  | 3,4  | 3,5  | 3,3  |
| Power consumption P <sub>i</sub>      | W     | 255  | 225  | 313  | 314  | 298  |
| Rotation speed n                      | 1/min | 3840 | 3895 | 3766 | 3763 | 3865 |
| SWL inlet L <sub>WA5</sub>            | dB(A) | 78   | 77   | 76   | 75   | 77   |
| SWL outlet L <sub>WA6</sub>           | dB(A) | 75   | 75   | 75   | 75   | 77   |
| SWL casing break out L <sub>WA2</sub> | dB(A) | 64   | 64   | 63   | 64   | 64   |

| 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> | 76                    | 39 | 54  | 65  | 69  | 71 | 70 | 69 | 63 |
| Outlet                              | L <sub>WA6</sub> | 77                    | 45 | 56  | 67  | 74  | 71 | 63 | 62 | 53 |
| Housing radiation                   | L <sub>WA2</sub> | 64                    | 56 | 43  | 53  | 56  | 61 | 52 | 48 | 34 |

| 10" S-Prime Evo EC   147707        |          |
|------------------------------------|----------|
| Voltage U <sub>N</sub>             | 120 V 1~ |
| Current I <sub>max</sub>           | 3,5 A    |
| Ambient temperature t <sub>A</sub> | 40 °C    |
| Medium temperatures t <sub>M</sub> | 40 °C    |
| Speed Control                      | 0-10V    |
| Motor protection                   | TEC      |
| Insulation class motor             | F        |
| Weight                             | 10,5 kg  |
| Number of poles                    | -        |
| IP motor                           | IP30     |
| IP terminal box                    | IP44     |
| IP complete unit                   | IPX4     |
| Min. operating temperature         | -30 °C   |