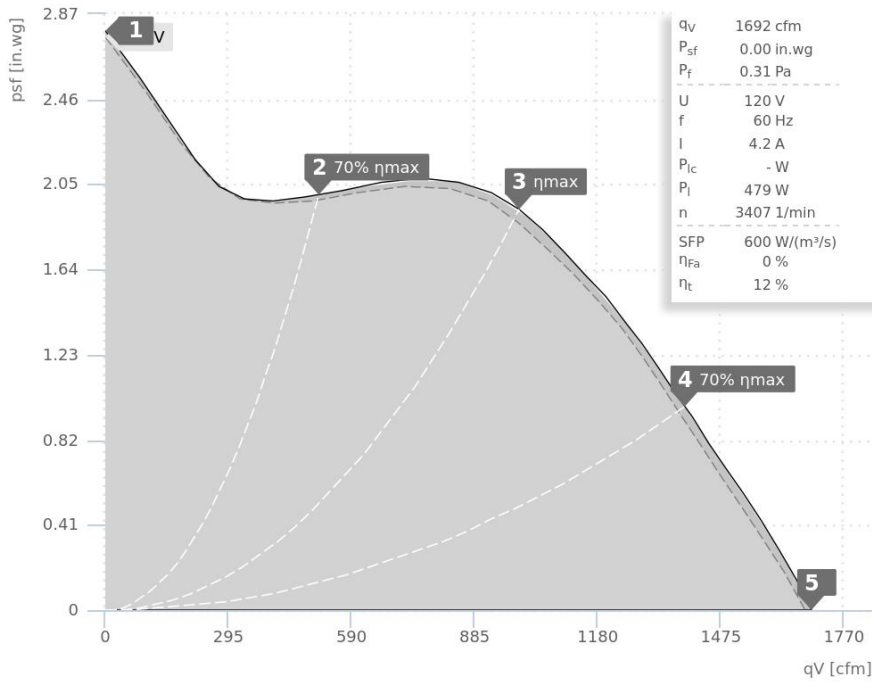


DATA SHEET



12" S-Prime | 147518



- Sound insulated casing for silent operation
- Incorporated Prime mixed flow fan
- Very high efficiency rates
- Integrated power switch
- One-phase AC motor
- Galvanized sheet steel casing

| Operating Point | | 1 | 2 | 3 | 4 | 5 |
|--------------------------------|-------|------|------|------|------|------|
| Current I | A | 3,6 | 3,5 | 4,4 | 4,5 | 4,2 |
| Power consumption P_i | W | 412 | 387 | 502 | 512 | 479 |
| Rotation speed n | 1/min | 3440 | 3435 | 3379 | 3380 | 3407 |
| SWL inlet L_{WA5} | dB(A) | 80 | 79 | 76 | 77 | 80 |
| SWL outlet L_{WA6} | dB(A) | 81 | 80 | 79 | 80 | 83 |
| SWL casing break out L_{WA2} | dB(A) | 68 | 65 | 65 | 65 | 68 |

| Sound power (L_W) dB(A) | | Medium Frequency Band | | | | | | | | |
|-----------------------------|-----------|-----------------------|----|-----|-----|-----|----|----|----|----|
| | | Σ | 63 | 125 | 250 | 500 | 1k | 2k | 4k | 8k |
| Inlet | L_{WA5} | 80 | 39 | 58 | 65 | 72 | 72 | 72 | 76 | 66 |
| Outlet | L_{WA6} | 83 | 41 | 61 | 69 | 80 | 79 | 72 | 72 | 63 |
| Housing radiation | L_{WA2} | 68 | 38 | 45 | 57 | 61 | 65 | 60 | 55 | 39 |

| 12" S-Prime 147518 | |
|----------------------------|----------|
| Voltage U_N | 120 V 1~ |
| Current I_{max} | 4,7 A |
| Ambient temperature t_A | 40 °C |
| Medium temperatures t_M | 40 °C |
| Speed Control | V |
| Motor protection | TMI |
| Insulation class motor | F |
| Weight | 15,2 kg |
| Number of poles | 2 |
| IP motor | IP00 |
| IP terminal box | - |
| IP complete unit | - |
| Min. operating temperature | -25 °C |