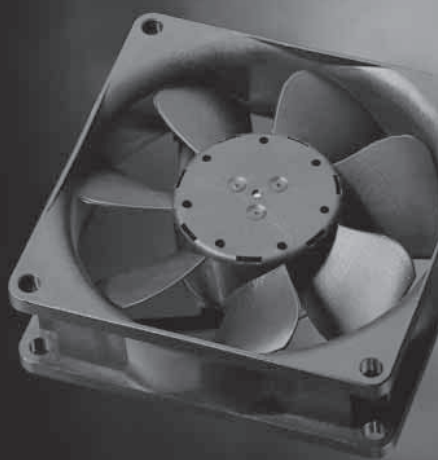


# MEGAFAN

THE NEW FAN GENERATION



- DC fans with electronically commutated external rotor motors. Fully integrated commutation electronics.
- With electronic protection against reverse polarity, blocking and overloading by PTC-resistor, partially impedance protected.

- Fan of fibreglass reinforced plastic. PBTP housing, PA impeller.
- Air exhaust over struts. Rotational direction CCW looking at rotor.
- Electrical connection via leads AWG 24, TR 64. Stripped and tinned ends.
- Mass 95 g.

## SERIES 8400N

80x80x25mm

| Air flow  | Air flow | Nominal Voltage | Voltage Range | Noise  |      | Sinter-Sleeve Bearings | Power Input | Nominal Speed | Temperature Range | Service Life L <sub>10</sub> | at t <sub>max</sub> | Curve | Type            |
|-----------|----------|-----------------|---------------|--------|------|------------------------|-------------|---------------|-------------------|------------------------------|---------------------|-------|-----------------|
| m³/h      | CFM      | V DC            | V DC          | dB (A) | bels | ○/●                    | Watt        | min⁻¹         | °C                | Hours                        | Hours               |       |                 |
| <b>33</b> | 19.4     | <b>12</b>       | 8...15        | 12     | 3.5  | ○                      | 0.6         | 1 500         | -20...+70         | 80 000 / 40 000              | 1                   | 1     | <b>8412NGL</b>  |
| <b>33</b> | 19.4     | <b>12</b>       | 8...15        | 17     | 3.7  | ●                      | 0.6         | 1 500         | -20...+70         | 80 000 / 40 000              | 1                   | 1     | <b>8412NL</b>   |
| <b>45</b> | 26.5     | <b>12</b>       | 8...15        | 19     | 3.9  | ○                      | 0.9         | 2 050         | -20...+70         | 80 000 / 40 000              | 2                   | 2     | <b>8412NGML</b> |
| <b>45</b> | 26.5     | <b>12</b>       | 8...15        | 21     | 4.0  | ●                      | 0.9         | 2 050         | -20...+70         | 80 000 / 40 000              | 2                   | 2     | <b>8412NML</b>  |
| <b>58</b> | 34.1     | <b>12</b>       | 8...15        | 26     | 4.3  | ○                      | 1.3         | 2 600         | -20...+70         | 80 000 / 40 000              | 3                   | 3     | <b>8412NGM</b>  |
| <b>58</b> | 34.1     | <b>12</b>       | 8...15        | 27     | 4.4  | ●                      | 1.3         | 2 600         | -20...+70         | 80 000 / 40 000              | 3                   | 3     | <b>8412NM</b>   |
| <b>69</b> | 40.6     | <b>12</b>       | 8...15        | 32     | 4.7  | ○                      | 2.0         | 3 100         | -20...+70         | 70 000 / 35 000              | 4                   | 4     | <b>8412NG</b>   |
| <b>69</b> | 40.6     | <b>12</b>       | 8...15        | 32     | 4.7  | ●                      | 2.0         | 3 100         | -20...+70         | 70 000 / 35 000              | 4                   | 4     | <b>8412N</b>    |
| <b>79</b> | 46.5     | <b>12</b>       | 8...15        | 37     | 5.0  | ○                      | 2.8         | 3 600         | -20...+70         | 70 000 / 35 000              | 5                   | 5     | <b>8412NGH</b>  |
| <b>79</b> | 46.5     | <b>12</b>       | 8...15        | 37     | 5.0  | ●                      | 2.8         | 3 600         | -20...+70         | 70 000 / 35 000              | 5                   | 5     | <b>8412NH</b>   |
| <b>33</b> | 19.4     | <b>24</b>       | 18...28       | 12     | 3.5  | ○                      | 0.7         | 1 500         | -20...+70         | 80 000 / 40 000              | 1                   | 1     | <b>8414NGL</b>  |
| <b>33</b> | 19.4     | <b>24</b>       | 18...28       | 17     | 3.7  | ●                      | 0.7         | 1 500         | -20...+70         | 80 000 / 40 000              | 1                   | 1     | <b>8414NL</b>   |
| <b>45</b> | 26.5     | <b>24</b>       | 18...28       | 19     | 3.9  | ○                      | 1.1         | 2 050         | -20...+70         | 80 000 / 40 000              | 2                   | 2     | <b>8414NGML</b> |
| <b>45</b> | 26.5     | <b>24</b>       | 18...28       | 21     | 4.0  | ●                      | 1.1         | 2 050         | -20...+70         | 80 000 / 40 000              | 2                   | 2     | <b>8414NML</b>  |
| <b>58</b> | 34.1     | <b>24</b>       | 18...28       | 26     | 4.3  | ○                      | 1.4         | 2 600         | -20...+70         | 80 000 / 40 000              | 3                   | 3     | <b>8414NGM</b>  |
| <b>58</b> | 34.1     | <b>24</b>       | 18...28       | 27     | 4.4  | ●                      | 1.4         | 2 600         | -20...+70         | 80 000 / 40 000              | 3                   | 3     | <b>8414NM</b>   |
| <b>69</b> | 40.6     | <b>24</b>       | 18...28       | 32     | 4.7  | ○                      | 2.0         | 3 100         | -20...+70         | 70 000 / 35 000              | 4                   | 4     | <b>8414NG</b>   |
| <b>69</b> | 40.6     | <b>24</b>       | 18...28       | 32     | 4.7  | ●                      | 2.0         | 3 100         | -20...+70         | 70 000 / 35 000              | 4                   | 4     | <b>8414N</b>    |
| <b>79</b> | 46.5     | <b>24</b>       | 18...26       | 37     | 5.0  | ○                      | 2.8         | 3 600         | -20...+70         | 70 000 / 35 000              | 5                   | 5     | <b>8414NGH</b>  |
| <b>79</b> | 46.5     | <b>24</b>       | 18...28       | 37     | 5.0  | ●                      | 2.8         | 3 600         | -20...+70         | 70 000 / 35 000              | 5                   | 5     | <b>8414NH</b>   |

