

8500 N

# AC axial panel compact fan



ASIA PACIFIC SHENGRUI LIMITED  
Phone +00852 56261528  
info@apacfan.com  
www.apacfan.com

## Nominal data

|                          |                   |      |
|--------------------------|-------------------|------|
| Item                     | 8500 N            |      |
| Motor                    | -0                |      |
| Phase                    |                   | 1~   |
| Nominal voltage          | VAC               | 115  |
| Frequency                | Hz                | 60   |
| Speed (rpm)              | min <sup>-1</sup> | 3200 |
| Power consumption        | W                 | 11.0 |
| Min. ambient temperature | °C                | -10  |
| Max. ambient temperature | °C                | 75   |
| Air flow                 | m <sup>3</sup> /h | 61   |
| Sound power level        | B                 | 4.8  |
| Sound pressure level     | dB(A)             | 34   |

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment  
Subject to change

**Technical description**

|                                                |                            |
|------------------------------------------------|----------------------------|
| <b>Weight</b>                                  | 0.490 kg                   |
| <b>Dimensions</b>                              | 80 x 80 x 38 mm            |
| <b>Impeller material</b>                       | Sheet steel, painted black |
| <b>Housing material</b>                        | Die-cast aluminum          |
| <b>Airflow direction</b>                       | Exhaust over struts        |
| <b>Service life L10 at 40 °C</b>               | 55000 h                    |
| <b>Service life L10 at maximum temperature</b> | 25000 h                    |

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Technical drawing of a fan assembly. The drawing shows a fan unit mounted on a square base plate. Key dimensions include:

- Base plate side length:  $71,5 \pm 0,2$  mm
- Base plate outer side length:  $79,5 \pm 0,3$  mm
- Base plate thickness:  $4,3 \pm 0,15$  mm
- Base plate hole diameter:  $\varnothing 90$
- Base plate hole offset from corner:  $4,5 \pm 0,2$  mm
- Fan unit side length:  $38 \pm 0,3$  mm
- Fan unit offset from base plate corner:  $3 \pm 0,2$  mm
- Fan unit mounting bracket length:  $310 \pm 10$  mm
- Fan unit mounting bracket offset from base plate corner:  $6 \pm 1$  mm

Curves: Air performance

