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## Fan Motors Engineering

### Information

#### DC Fans

- 1.Common Spec.
- 2.Numbering (Axial Fans)
- 3.Numbering (FB)
- 4.Numbering (Blowers BM)
- 5.Numbering (Blowers BG)
- 6.Numbering (FAL)
- 7.Sensors
- 8.Speed Control

#### AC Fans

#### Technical Information

#### Handling Precautions

#### Quality & Environment

## DC Axial Fans Part Numbering System

To show details, place the mouse cursor on each item of the part number. Click "Display All" button to show all details.

|                                                              |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
|--------------------------------------------------------------|----------------|----------------|---------------------|------|----------------|------------------|----------|----------|-------------------------|----------------------|---------|-----------------------|---------------|-----------------------------|
| <b>24</b>                                                    | <b>10</b>      | <b>M</b>       | <b>L</b>            | -    | <b>04</b>      | <b>W</b>         | -        | <b>B</b> | <b>1</b>                | <b>0</b>             | -       | <b>X</b>              | <b>00</b>     | <a href="#">Display All</a> |
| (1)                                                          | (2)            | (3)            | (4)                 |      | (5)            | (6)              |          | (7)      | (8)                     | (9)                  |         | (10)                  | (11)          |                             |
| <b>1. Size</b>                                               |                |                | <b>2. Thickness</b> |      |                | <b>3. Series</b> |          |          | <b>5. Input Voltage</b> |                      |         | <b>4. Function</b>    |               | <b>7. Bearing</b>           |
| 10                                                           | 25mm           | 28             | 70mm                | 04   | 10mm           | P Series         | S Series | 01       | 5V                      | 06                   | 36V     | Brushless Type        |               | B Ball Bearing              |
| 12                                                           | 30mm           | 31             | 80mm                | 06   | 15mm           | M Series         | F Series | 02       | 6V                      | 07                   | 48V     | DCM                   |               | S Sleeve Bearing            |
| 14                                                           | 35mm           | 36             | 92mm                | 08   | 20mm           | N Series         |          | 03       | 9V                      | 09                   | Custom  | <b>6. Termination</b> |               | <b>8. Speed</b>             |
| 16                                                           | 40mm           | 47             | 119mm               | 10   | 25mm           | K Series         |          | 04       | 12V                     |                      | voltage | w                     | Lead Wires    | 1<2<3<4<5<6<7<8             |
| 20                                                           | 50mm           | 50             | 127mm               | 12   | 32mm           | H Series         |          | 05       | 24V                     |                      |         | T                     | Terminal Type | low high                    |
| 21                                                           | 52mm           | 59             | 150mm               | 15   | 38mm           |                  |          |          |                         |                      |         |                       |               |                             |
| 24                                                           | 60mm           | 68             | 172mm               | 20   | 50mm           |                  |          |          |                         |                      |         |                       |               |                             |
| <b>9. Special Control Function</b>                           |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
| 0 Standard type                                              |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
| 9 Sensor type                                                |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
| 8 2-speed type                                               |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
| 7 Temperature detecting variable speed type/PWM control type |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
| 6 Temperature detecting variable speed type/Sensor type      |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
| 5 2-speed type / Sensor type                                 |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
| <b>11. Individual Specifications</b>                         |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
| Standard Type                                                |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
| 00 Standard                                                  |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
| 01-99 Custom                                                 |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
| Sensor Type                                                  |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
| 00 Locked Rotor Alarm Signal(Standard)                       |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
| 01-49 Locked Rotor Alarm Signal(Custom)                      |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
| 50 Tachometer Signal (Standard)                              |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
| 51-99 Tachometer Signal (Custom)                             |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
| <b>10. Product No.</b>                                       |                |                |                     |      |                |                  |          |          |                         |                      |         |                       |               |                             |
| Item                                                         | Classification | Mounting Style |                     | Item | Classification | Mounting Style   |          | Item     | Classification          | Mounting Style       |         |                       |               |                             |
| L                                                            | Standard Model | Rib Type       |                     | D    | Standard Model | Flange Type      |          | J        | Value Model             | One Side Rib Type    |         |                       |               |                             |
| P                                                            | Standard Model | Flange Type    |                     | T    | Value Model    | Rib Type         |          | H        | Value Model             | One Side Flange Type |         |                       |               |                             |
| B                                                            | Standard Model | Rib Type       |                     | S    | Value Model    | Flange Type      |          | M        | Value Model             | Rib Type             |         |                       |               |                             |
| E                                                            | Standard Model | Flange Type    |                     | C    | Value Model    | Rib Type         |          | V        | Value Model             | Flange Type          |         |                       |               |                             |
| G                                                            | Standard Model | Rib Type       |                     | F    | Value Model    | Flange Type      |          | X        | Vented casing           | Flange Type          |         |                       |               |                             |