

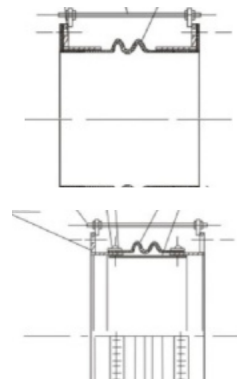


## FUB / FVB Air Duct Rubber Expansion Joint

Flexible rubber compensator for air-duct systems | Round and rectangular catalog configurations



Representative round / rectangular products



Exact catalog structural drawings

### Key Technical & Supply Data

|                       |                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| Models                | FUB / FVB                                                                                                         |
| Product Type          | Air duct rubber expansion joint / rubber compensator                                                              |
| Catalog Model Range   | FUB800-FUB3200; FVB500-FVB3200                                                                                    |
| Compensation Length   | FUB: +/-100 mm; FVB: +/-90 mm                                                                                     |
| Working Pressure      | <= 4500 Pa                                                                                                        |
| Temperature Range     | -40 C to 300 C                                                                                                    |
| Installation Length   | 300-450 mm                                                                                                        |
| Rubber Performance    | Tensile strength >= 12 MPa; elongation at break >= 300%; permanent deformation <= 25%                             |
| Large-Diameter Supply | Large-diameter air duct rubber compensators can be produced to customer requirements                              |
| Project Configuration | Final shape, dimensions, flange details, materials and installation arrangement are confirmed by approved drawing |

### Selection & Customization

- Use the catalog dimensions on page 2 as the standard selection reference.
- Custom circular or rectangular configurations can be produced after size, movement, pressure, temperature and flange details are confirmed.
- For non-catalog dimensions or project-specific interfaces, production is based on an approved drawing.



## Catalog Connection Dimensions

Exact Mingchao catalog values are preserved below. Dimensions are in mm unless otherwise stated; weight is in kg.

Source blank cells and merged value ranges are preserved in the catalog table body; no missing values are inferred.

### FUB Series - Catalog Dimensions

| Model   | Tube diameter D<br>mm | D1<br>mm | D2<br>mm | D3<br>mm | Flange thickness<br>mm | Connecting bolts | Weight<br>kg |
|---------|-----------------------|----------|----------|----------|------------------------|------------------|--------------|
| FUB800  | 812                   | 950      | 1000     | 850      | 8                      | 24xM22           | 184.6        |
| FUB900  | 912                   | 1050     | 1100     | 950      |                        |                  | 203.6        |
| FUB1000 | 1012                  | 1150     | 1200     | 1052     | 10                     | 30xM22           | 221.9        |
| FUB1100 | 1112                  | 120      | 1300     | 1152     |                        |                  | 240.7        |
| FUB1200 | 1212                  | 1320     | 1400     | 1252     |                        |                  | 259.5        |
| FUB1300 | 1312                  | 1450     | 1500     | 1352     |                        |                  | 278.3        |
| FUB1400 | 1412                  | 1550     | 1600     | 1452     |                        |                  | 357.3        |
| FUB1500 | 1512                  | 1650     | 1700     | 1552     | 10                     | 30xM22           | 391.2        |
| FUB1600 | 1614                  | 1750     | 1800     | 1654     |                        | 36xM33           | 426.3        |
| FUB1700 | 1714                  | 1850     | 1900     | 1751     |                        | 44xM22           | 449.7        |
| FUB1800 | 1814                  | 1950     | 2000     | 1854     |                        |                  | 481.0        |
| FUB1900 | 1914                  | 2050     | 2120     | 1954     |                        |                  | 533.4        |
| FUB2000 | 2016                  | 2170     | 2240     | 2056     | 12                     | 54xM30           | 619.9        |
| FUB2100 | 2116                  | 2270     | 2340     | 2156     |                        |                  | 753.3        |
| FUB2200 | 2216                  | 2370     | 2440     | 2256     |                        |                  | 785.3        |
| FUB2300 | 2316                  | 2470     | 2540     | 2356     |                        |                  | 817.2        |
| FUB2400 | 2416                  | 2570     | 2640     | 2456     |                        |                  | 800.2        |
| FUB2500 | 2516                  | 2670     | 2740     | 2556     | 14                     | 64xM30           | 881.2        |
| FUB2600 | 2616                  | 2770     | 2840     | 2656     |                        |                  | 913.2        |
| FUB2800 | 2816                  | 2970     | 3040     | 2856     |                        |                  | 986.5        |
| FUB3000 | 3016                  | 3170     | 3240     | 3056     |                        |                  | 1050.5       |
| FUB3200 | 3216                  | 3370     | 3440     | 3256     |                        |                  | 1114.6       |

### FVB Series - Catalog Dimensions

| Model   | Tube diameter D<br>mm | D1<br>mm | D2<br>mm | D3<br>mm | Flange thickness<br>mm | Connecting bolts | Weight<br>kg |
|---------|-----------------------|----------|----------|----------|------------------------|------------------|--------------|
| FVB500  | 529                   | 600      | 640      | 469      | 8                      |                  | 89.8         |
| FVB600  | 630                   | 705      | 755      | 570      |                        | 18xM16           | 114.6        |
| FVB700  | 720                   | 810      | 860      | 660      |                        | 18xM20           | 134.8        |
| FVB800  | 820                   | 920      | 975      | 760      |                        | 20xM20           | 192.0        |
| FVB9000 | 920                   | 1020     | 1075     | 860      |                        | 16xM16           | 213.8        |
| FVB1000 | 1020                  | 1120     | 1175     | 960      | 241.6                  |                  |              |
| FVB1100 | 1120                  | 1220     | 1275     | 1060     | 10                     | 24xM20           | 263.0        |
| FVB1200 | 1220                  | 1320     | 1375     | 1160     |                        |                  | 312.6        |
| FVB1300 | 1320                  | 1420     | 1475     | 1260     |                        | 30xM22           | 335.0        |
| FVB1400 | 1420                  | 1520     | 1575     | 1360     |                        |                  | 369.6        |
| FVB1500 | 1520                  | 1630     | 1685     | 1440     |                        | 26xM22           | 349.4        |
| FVB1600 | 1620                  | 1730     | 1785     | 1540     | 12                     | 44xM22           | 477.5        |
| FVB1700 | 1720                  | 1830     | 1985     | 1640     |                        |                  | 515.9        |
| FVB1800 | 1820                  | 1930     | 2085     | 1740     |                        |                  | 536.0        |
| FVB1900 | 1920                  | 2030     | 2185     | 1840     |                        | 565.2            |              |
| FVB2000 | 2000                  | 2130     | 2410     | 1940     |                        | 44xM27           | 725.2        |
| FVB2200 | 2020                  | 2340     | 2610     | 2140     | 50xM27                 | 881.8            |              |
| FVB2400 | 2420                  | 2540     | 2710     | 2340     | 14                     | 54xM27           | 953.0        |
| FVB2500 | 2520                  | 2640     | 2810     | 2440     |                        | 56xM30           | 1057.5       |
| FVB2600 | 2620                  | 2760     | 3030     | 2540     |                        | 58xM30           | 1098.4       |
| FVB2800 | 2820                  | 2960     | 3230     | 2740     |                        | 60xM30           | 1260.9       |
| FVB3000 | 2030                  | 3160     | 3430     | 2940     |                        | 64xM30           | 1347.8       |
| FVB3200 | 3220                  | 3360     |          | 3140     | 72xM30                 | 1441.5           |              |

For detailed technical requirements, custom configurations or project questions, please contact us.