



YFD71SX
 Wafer Butterfly Valve
 Soft Back Seat

| Model | YFD71SX |
|------------------------|-----------------------------------|
| Size Range | 25mm~1200mm(1"~48") |
| Pressure Range | PN6~16;JIS5K~10K;Class150 |
| Temperature Range | -20℃~180℃ |
| Body Materials | DI,WCB |
| Disc Materials | DI,CF8,CF8M,CF3,CF3M,2507,C954 |
| Seat Materials | EPDM,NBR,NR,Viton |
| Stem Materials | 45#,SS410,SS431,SS304,SS316 |
| Connection Type | Wafer |
| Installation Direction | Bidirectional |
| Design Standard | GB/T12238,BS EN593,API609 |
| Face to Face | GB/T12221,BS EN558-1 |
| Flange Drilling | ASME B16.5,EN1092,DIN2501 |
| Top connection | ISO5211 |
| Inspection | GB/T13927,ISO5028,API598,JB/T9092 |
| Coating | Electrostatic Powder Epoxy/Spray |
| Medium | Water,Oil,Gas |

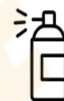
KEY FEATURES



Soft Back Seat Design
 The soft back seat structure allows easy seat replacement while reducing operating torque for smooth and energy-efficient operation.



Flexible Operation Options
 Available with aluminum handle, ductile iron handle, or gear operator to meet different application needs.



Durable Coating
 High quality epoxy coating provides strong corrosion resistance and long service life.

DIMENSION

| DN(mm) | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 |
|-----------------------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|-------|--------|--------|------|
| ISO5211 Top Flange | F05 | F05 | F05 | F05 | F05 | F05 | F07 | F07 | F07 | F10 | F10 | F10 | F10 | F14 | F14 | F14 | F16 | F25 |
| Length(mm) | 33 | 33 | 43 | 43 | 46 | 46 | 52 | 56 | 56 | 60 | 68 | 78 | 76.5 | 85.7 | 104.6 | 130.28 | 151.36 | 163 |
| Torque N.m (0.6Mpa) | 11 | 11 | 12 | 13 | 13.8 | 21 | 34.9 | 53.8 | 84.5 | 154 | 249 | 371 | 466 | 632 | 831 | 1093 | 1679 | 3010 |
| Torque N.m (1.0Mpa) | 11.5 | 11.5 | 13 | 13.9 | 15.4 | 21.7 | 37.1 | 57.9 | 93.9 | 173 | 286 | 429 | 550 | 755 | 1012 | 1350 | 2111 | 3272 |
| Torque N.m (1.6Mpa) | 12 | 13 | 14 | 15.1 | 17.2 | 23.1 | 39.8 | 61.9 | 102 | 192 | 323 | 490 | 625 | 846 | 1131 | 1432 | 2301 | 4253 |
| Bare Shaft Weight(Kg) | 1.1 | 1.1 | 1.5 | 2.5 | 3 | 3.5 | 5.1 | 7.4 | 8.9 | 14.3 | 19.2 | 25.8 | 35 | 70 | 88 | 110 | 172 | 282 |

Note:Larger sizes available upon request.

APPLICATIONS

