



Shanghai Tianfa Trading Co., Ltd.

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## FLEX CLOCK CHECK VALVE SFCV /ENH44X

### MAIN TECHNICAL PARAMETER

|                     |                     |                  |      |      |
|---------------------|---------------------|------------------|------|------|
| PN(MPa)             |                     | 1.0              | 1.6  | 2.5  |
| Test pressure (MPa) | Shell strength      | 1.5              | 2.4  | 3.75 |
|                     | Sealing performance | 1.1              | 1.76 | 2.75 |
| Working temperature |                     | ≤80℃             |      |      |
| Applicable medium   |                     | Rinsing、Dead oil |      |      |

### MATERIAL FOR MAIN PARTS

|                    |                           |
|--------------------|---------------------------|
| Name of parts      | Material                  |
| Body、 Valve casing | Casting pig、 Ductile iron |
| Disc               | Rubber assembly           |
| Spring             | Stainless steel           |

### MAIN EXTERNAL AND CONNECTION DIMENSIONS

| DN<br>mm | PN1.0 |    |   |                |     |                |       |     | PN1.6 |    |   |                |     |                |       |     | PN 2.5 |    |   |                |     |                |       |     |
|----------|-------|----|---|----------------|-----|----------------|-------|-----|-------|----|---|----------------|-----|----------------|-------|-----|--------|----|---|----------------|-----|----------------|-------|-----|
|          | L     | b  | f | D <sub>2</sub> | D   | D <sub>1</sub> | Z-φd  | H   | L     | b  | f | D <sub>2</sub> | D   | D <sub>1</sub> | Z-φd  | H   | L      | b  | f | D <sub>2</sub> | D   | D <sub>1</sub> | Z-φd  | H   |
| 40       | 165   | 18 | 2 | 85             | 150 | 110            | 4-18  | 180 | 165   | 18 | 2 | 85             | 150 | 110            | 4-18  | 180 | 165    | 18 | 2 | 85             | 150 | 110            | 4-18  | 180 |
| 50       | 200   | 20 | 3 | 102            | 165 | 125            | 4-18  | 190 | 200   | 20 | 3 | 102            | 165 | 125            | 4-18  | 190 | 200    | 20 | 3 | 99             | 165 | 125            | 4-18  | 190 |
| 65       | 215   | 20 | 3 | 122            | 185 | 145            | 4-18  | 210 | 215   | 20 | 3 | 122            | 185 | 145            | 4-18  | 210 | 215    | 22 | 3 | 118            | 185 | 145            | 8-18  | 210 |
| 80       | 240   | 22 | 3 | 133            | 200 | 160            | 8-18  | 230 | 240   | 22 | 3 | 133            | 200 | 160            | 8-18  | 230 | 240    | 24 | 3 | 132            | 200 | 160            | 8-18  | 230 |
| 100      | 290   | 24 | 3 | 158            | 220 | 180            | 8-18  | 250 | 290   | 24 | 3 | 158            | 220 | 180            | 8-18  | 250 | 290    | 24 | 3 | 156            | 235 | 190            | 8-22  | 250 |
| 125      | 330   | 26 | 3 | 184            | 250 | 210            | 8-18  | 280 | 330   | 26 | 3 | 184            | 250 | 210            | 8-18  | 280 | 330    | 26 | 3 | 184            | 270 | 220            | 8-26  | 280 |
| 150      | 355   | 26 | 3 | 212            | 285 | 240            | 8-22  | 315 | 355   | 26 | 3 | 212            | 285 | 240            | 8-22  | 315 | 355    | 28 | 3 | 211            | 300 | 250            | 8-26  | 315 |
| 200      | 500   | 28 | 3 | 268            | 340 | 295            | 8-22  | 370 | 500   | 30 | 3 | 268            | 340 | 295            | 12-22 | 370 | 500    | 30 | 3 | 274            | 360 | 310            | 12-26 | 370 |
| 250      | 620   | 28 | 3 | 320            | 395 | 350            | 12-22 | 430 | 620   | 32 | 3 | 320            | 405 | 355            | 12-26 | 430 | 620    | 32 | 3 | 330            | 425 | 370            | 12-30 | 430 |
| 300      | 700   | 28 | 4 | 370            | 445 | 400            | 12-22 | 475 | 700   | 32 | 4 | 370            | 460 | 410            | 12-26 | 475 | 700    | 34 | 4 | 389            | 485 | 430            | 16-30 | 475 |
| 350      | 785   | 30 | 4 | 428            | 500 | 460            | 16-22 | 550 | 785   | 36 | 4 | 428            | 520 | 470            | 16-26 | 550 | 785    | 38 | 4 | 450            | 555 | 490            | 16-33 | 550 |
| 400      | 915   | 32 | 4 | 482            | 565 | 515            | 16-26 | 600 | 915   | 38 | 4 | 482            | 580 | 525            | 16-30 | 600 | 915    | 40 | 4 | 505            | 620 | 550            | 16-36 | 600 |