



|   |             |                 |   |
|---|-------------|-----------------|---|
| 9 | Snap Spring | SK7             | 1 |
| 8 | Gasket      | Stainless Steel | 1 |
| 7 | Half Ring   | Stainless Steel | 1 |
| 6 | Bushing     | FRP             | 1 |
| 5 | X-Ring      | NBR             | 1 |
| 4 | Seat        | WRAS EPDM       | 1 |
| 3 | Disc        | CF8M            | 1 |
| 2 | Shaft       | SS416           | 1 |
| 1 | Body        | GGG40           | 1 |

| NO.           | NAME              | MATERIAL      | QTY   |
|---------------|-------------------|---------------|-------|
| TEST PRESSURE | CWP:10Bar         | SHELL         | SEAL  |
|               | HYDROSTATIC       | 15 bar        |       |
|               | AIR               |               | 6 bar |
| STANDARD      | DESIGN CODE       | EN593         |       |
|               | INSPECTION & TEST | EN12266-1     |       |
|               | END STANDARD      | EN1092-2 PN10 |       |
|               | FACE TO FACE      | EN558-1       |       |

TITLE : WITHOUT PIN LUGGED BUTTERFLY VALVE  
DN50-DN300

|          |  |                 |         |
|----------|--|-----------------|---------|
| APPROVED |  | DWG NO.         | REV     |
| CHECKED  |  | CBF02-TL03-Bare |         |
| DRAWN    |  |                 |         |
| DESIGNED |  | SCALE           | UNIT mm |

| SIZE (mm) | A   | B   | C  | phi 2 | ISO5211 | D2  | D3  | n-phi 1 | phi D1 | n-M    | &° | H  | L  |
|-----------|-----|-----|----|-------|---------|-----|-----|---------|--------|--------|----|----|----|
| 250       | 265 | 203 | 68 | 28.45 | F12     | 150 | 125 | 4-14    | 350    | 12-M20 | 30 | 22 | 22 |



|   |          |      |            |                                 |
|---|----------|------|------------|---------------------------------|
| TITLE<br>LUG BUTTERFLY VALVE<br>PN 10 DN250 WITHOUT PIN | NAME     | DATE | SIZE       | DWG NO                          |
|   | DRAWN    | MOTO | dd.mm.yyyy | A3 WOD-110-007-0250             |
|   | CHECKED  | TOCO | dd.mm.yyyy | FILE NAME: WOD-110-007-0250.pdf |
|   | ENG APPR | TOCO | dd.mm.yyyy | SCALE: REV: .....               |
|   | MGR APPR | TOCO | dd.mm.yyyy | WEIGHT: SHEET: 1 OF 1           |

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MILLIMETERS  
AND TOLERANCES ARE +/-0,5

| REV              | DESCRIPTION | DATE | APPROVED |
|------------------|-------------|------|----------|
| REVISION HISTORY |             |      |          |