



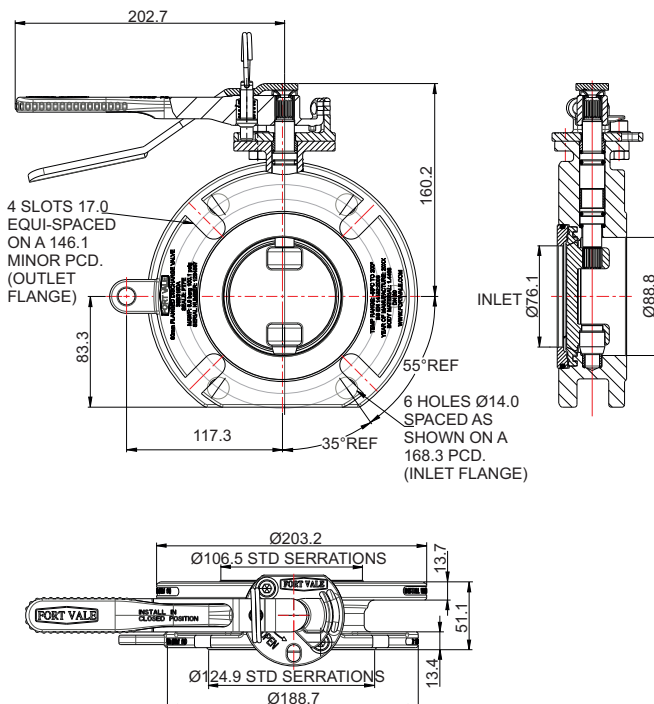
**3" Flanged Butterfly Valve** - inlet flange drilled 6 x 14mm holes spaced as shown below on a 168mm PCD; outlet flange with 4 slots 17mm equi-spaced on a 146mm PCD. Left hand operated with TIR and padlock facility to handle. Contact parts manufactured in 316 stainless steel with PTFE seals.

**Options** - alternative inlet flange drilling. "Congealing cargo" version with semi-spherical closure plate. Steam heated option.

## Fitting Details

**Part Number :** 368/3160A

**M12 BOLTS TORQUE SETTING :** 50 NM (37 LBF FT)



## Specification

|                        |                                   |
|------------------------|-----------------------------------|
| Weight                 | 7 Kgs                             |
| Design Pressure (MAWP) | 6.9 Bar (100 PSI)                 |
| Test Pressure          | 10.35 Bar (150 PSI)               |
| Design Temperature     | -55°C to 200°C<br>(-67° to 392°F) |

Design approvals by Lloyds Register of Shipping, Rijksdienst, SNCF, RMRS.  
Approved to BS EN14432

## Range

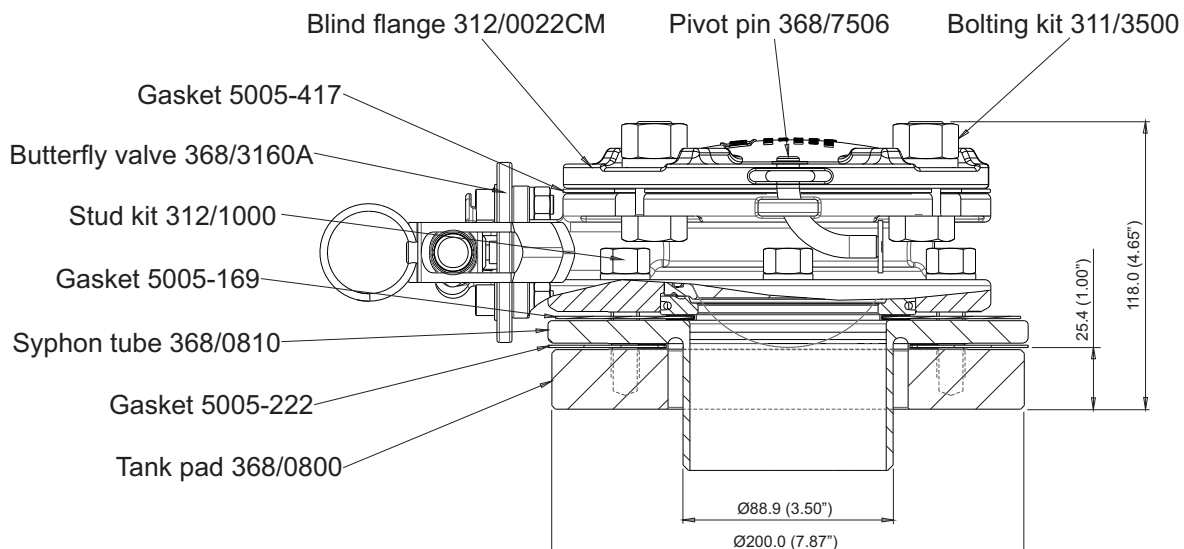
| Part No.  | Description                              |
|-----------|------------------------------------------|
| 368/3160A | Inlet flange with flat, drilled 6 holes  |
| 368/3180A | Inlet flange dual drilled, 4 hole/4 hole |
| 368/3280A | Inlet flange dual drilled, 6 hole/4 hole |

## Associated Parts

| Associated Parts         | Part No.   |
|--------------------------|------------|
| CNAF/PTFE inlet gasket   | 5005-169   |
| Solid PTFE outlet gasket | 5005-417   |
| Dished blind flange      | 312/0022CM |
| Bolting kit              | 311/3500   |
| Pivot pin                | 368/7506   |

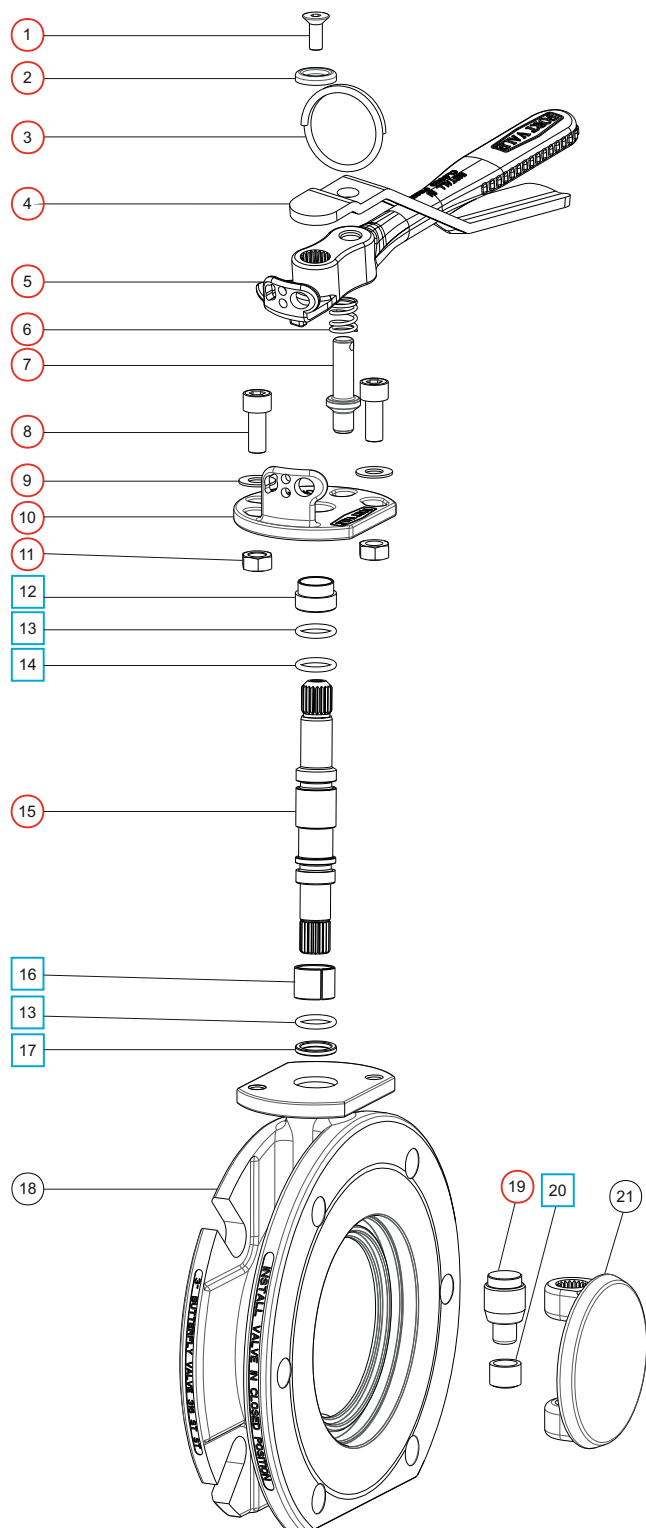
## Assembly Details

### Example Top Discharge Assembly



## Parts drawing

Part number: 368/3160A



| Item | Description              | Part No.     |
|------|--------------------------|--------------|
| 1    | Countersunk setscrew     | 5111-030 ○   |
| 2    | Washer                   | 20370 ○      |
| 3    | Split ring               | 368/0011 ○   |
| 4    | Operating lever          | 368/9837 ○   |
| 5    | Handle                   | 368/0050 ○   |
| 6    | Handle location spring   | 368/0012 ○   |
| 7    | Handle location pin      | 368/0010 ○   |
| 8    | Sockethead capscrew (2)  | 5111-255 ○   |
| 9    | Plain washer (2)         | 5113-005 ○   |
| 10   | Stuffing clamp           | 368/0040 ○   |
| 11   | Full nut (2)             | 5112-001 ○   |
| 12   | PTFE stuffing clamp bush | 368/0301 □ ○ |
| 13   | PTFE O ring (2)          | 20363 □ ○    |
| 14   | Viton O ring             | 20361 □ ○    |
| 15   | Spindle                  | 368/0200 ○   |
| 16   | Split bearing            | 252/0517 □ ○ |
| 17   | PTFE spindle seat        | 368/0009 □ ○ |
| 18   | Body                     | 368/9141     |
| 19   | Bottom spindle           | 368/0036 ○   |
| 20   | PTFE bottom bush         | 368/0035 □ ○ |
| 21   | Closure plate            | 368/0400     |
| 22   | PTFE main seal           | 368/0002 □ ○ |
| 23   | Nitrile O ring           | 5005-342 □ ○ |
| 24   | Seal clamp plate         | 368/9148     |

## SEAL KIT

Part number **368/00SK** contains all parts marked □

## REPAIR KIT

Part number **368/316RKA** contains all parts marked ○SELF ADHESIVE DECAL  
Part No. 368/0300

Text in English, German &amp; French