

# 500mm Bolted Manlid Assembly

## DESCRIPTION

### Manlid:

22-point Flat Head Bolted, or Domed Manlid.

### Neck and Compensating Ring Assembly:

Consists of a compensating ring, profiled neck ring and flange ring joined by means of welds.

## SPECIFICATIONS

Bolted Manlid can be custom designed in accordance with ASME VIII Div. 1 and/or EN 14025 to satisfy specific customer requirements. Other design codes are also available.

## OPTIONS

- Straight neck or compensated version.
- Sizes to customer specifications.
- Tank radii from 850 mm to 1220 mm.
- Protruding/Non-protruding neck ring.

## MARKINGS

The following is pin-stamped on the assembly:

- Swift logo.
- Assembly & part number.
- MAWP/Test pressure.
- Material traceability.
- Other markings specified by the customer.

## SUB-ASSEMBLIES

- Cover.
- Neck Ring Assembly.
- Bolt Kit.
- Seal (supplied separately).

## MATERIAL

The contact parts are manufactured in dual certified Stainless Steel 316/316L (Handles from 304 stainless steel).

## DESIGN CODES AND APPROVALS

Depending on the order quantity; Bureau Veritas design appraisal can be gained confirming the applicable design standards: RID/ADR; IMDG; ASME VIII-1; EN 14025.

## TORQUE PROCEDURE

1. Place bolts in position.
2. Start next to the handle - tighten in a crossover/clockwise sequence.
3. Torque until sealing has been achieved.

## FINISH

Lids are electro-polished and neckrings are blasted and pickled.

