

500mm 4-Point, 1 Bar, Domed, Foodgrade Manlid Assembly

DESCRIPTION

Manlid:

4-point swing bolt bracketed, domed manlid cover.

Neck and Compensating Ring Assembly:

Consists of straight neck ring and 4 swingbolt brackets.

SPECIFICATIONS

MAWP:	3 bar (43.5 PSI)
External Pressure:	1 bar (14.5 psi)
Test Pressure:	4.94 bar (71.6 PSI)
Design Temp:	-20°C (-4°F) to 150°C (302°F)
Opening angle:	120°
Weight:	34 kg

OPTIONS

- 80 mm up to 300 mm neck ring height

MARKINGS

The following is pin-stamped on the assembly:

- Swift logo
- Assembly & part number
- Serial number
- MAWP / Test Pressures
- Material traceability
- Other markings specified by the customer (eg. corporate branding).

SUB-ASSEMBLIES

- Lid assembly
- Straight neckring assembly
- Swing bolt & hinge pin assemblies
- Food grade silicone gasket

MATERIAL

- The contact parts are manufactured in Stainless Steel 316/316L & 1.4404/1.4401.
- Non-contact parts are manufactured in Stainless Steel 304.

DESIGN CODES AND APPROVALS

- Designed in accordance with PED
- EN 13445-3
- ASME VIII Div. 1
- Bureau Veritas

TORQUE PROCEDURE

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

FINISH

Assemblies are mechanically polished and pickled with the further option of electro-polishing, surface roughness (Ra) $\leq 0.8\mu\text{m}$.

