

# 454mm 4-Point, Swivel-Type Aluminium Assembly

## DESCRIPTION

### Manlid:

Ø454mm 4-point swing bolted, swivel-type opening Aluminium manway assembly.

## SPECIFICATIONS

### WORKING CONDITION 1

**MAWP:** 2 bar (29 psi) / -1 bar (-14.5 psi)  
**Test Pressure:** 3 bar (43.5 psi)  
**Design Temp:** -40°C (-40°F) to 80°C (176°F)

### WORKING CONDITION 2

**MAWP:** 2 bar (29 psi) / -1 bar (-14.5 psi)  
**Test Pressure:** 2.6 bar (37.7 psi)  
**Design Temp:** 20°C (-4°F) to 65°C (149°F)

**Weight:** ±24 kg

## OPTIONS

- Tank radii from 980mm to 1280mm.

## MARKINGS

The following is laser inscribed 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.
- Neck assembly.
- Swing bolt & hinge pin assemblies.
- Seal (supplied separately).

## MATERIAL

- The contact & non-contact parts are manufactured in Aluminium 5083 H111.
- Stainless Steel 304 swing bolt wing nut with naval brass insert, and hinge arrangement.

## DESIGN CODES AND APPROVALS

### WORKING CONDITION 1

- EN 13445-8
- PED 2014/68/EU

### WORKING CONDITION 2

- ASME VIII Div. 1

## FINISH

Lids and neckrings are blasted.

