

35.000ltr - IMDG-IMO 1 - SWAP BODY TANK CONTAINER

Type: : IMDG T4 for transport of PRODUCT CLASSES 3, 5.1, 6.1, 8 and 9

Approvals, certification and registration : ISO 1496/3, IMDG T4
ASME VIII Div 1, RID / ADR, UK-DETR
CSC, UIC, TIR Customs Convention

General specifications:

| | | | | | |
|---------------------------------------|-------------------|----------------|-------------------|-------------------------|-------------------------------|
| Nominal Capacity (Tolerance +- 0.75%) | : 35000Liters | 9246Gallons | MAWP | : 2.67 bar | |
| Tare Mass (Tolerance +- 1.5%) | : 4100Kg | 9038Lbs | Test pressure | : 4 bar | |
| Maximum Gross Mass: | : 36000Kg | 79366Lbs | External Pressure | : 0.21 bar | |
| Dimensions to ISO | : Length: 7820 mm | Width: 2550 mm | Height: 2670 mm | Tank Design Temperature | : -40 to 130°C (-40 to 266°F) |
| | : Length: 25' 8" | Width: 8' 4" | Height: 8' 9" | Tank Design Code | : ASME VIII DIV.1 |

Top specifications:

| | | | |
|---------------------|--|------------------|--|
| Manlid | : 500mm Stainless steel | Spare connection | : 1 1/2" Blind off connection |
| Cleaning port | : 4 pcs 300mm Stainless steel | Spill boxes | : 5 Stainless steel boxes, with lockable spillbox covers |
| Safety Relief Valve | : 2 pcs 2½" pressure (3.33/-0.21 bar) relief valve | Walkways | : 1 Longitudinal, 5 transverse, 475mm wide, Marine grade aluminium |
| Air Inlet | : 2" Ball valve with 2" BSP connection, | | |
| Top discharge | : 3" Provision only | | |

Tank vessel and frame specifications:

Tank vessel:

Tank Barrel Material : 316L Stainless steel, 4 fixed baffles fitted

Steam Heating : 8 Longitudinal stainless steel elements
Effective area 10m², WP = 3.0 bar tested to 4.5 bar

Insulation : Nominal thickness 50 mm
Compressed mineral wool on barrel

Cladding : White finish marine grade aluminium
GRP domes on ends

Calibration : Calibration chart fitted in spillbox

Frame:

Frame type : Swap body

Handrail Provision : Collapsible handrail is fitted

Rear specifications:

Bottom Discharge : 3" 30° Perolo foot and butterfly valve
Terminating into a 3" BSP outlet with cap.
Weld-in flange to be steam heated

Thermometer : Contact type analog from -20°C to 200°C

Heating connections : 3/4" BSP with caps
Condensate drain fitted at lowest point