

# 3M™ DBI-SALA® Deck Mount Base High Capacity

## Technical Data Sheet

### Description

3M™ DBI-SALA® Davit Arm Systems are designed for manhole and confined space entry/retrieval applications.

These units are constructed of lightweight materials including high-strength aluminium. The davit pivots for ease-of-rescue and has adjustment for overhead clearance restrictions.

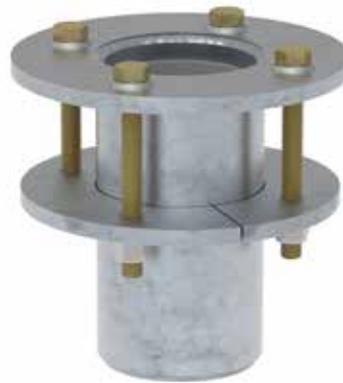
The Davit Arm adjusts to fit most standard entries. Many other portable and fixed bases are available to suit any job site need.

The Deck Mount Base is designed to slip into a 128.5 mm (5.06") hole in existing steel structure flooring. Comes with the necessary hardware to mount to structures with a maximum thickness of 89 mm (3.50").

### Specifications

#### Deck Mount Base High Capacity

Base Material	8000099 - Galvanised steel (75 µm minimum - ISO 1461) 8000100 - Stainless steel 304
Liner Material	High density polyethylene, fixed with silicone
Capacity*	340 kg (for load lifting)
Fall arrest	1 user (140 kg max)
Net Weight	8000099 - 14.60 kg 8000100 - 14.50 kg
Operating Temperature	-40°C to +60°C
Mast Rotation	360°



### Standards

When used with davit arm: AS/NZS 5532:2013

### Mast Compatibility\*

Compatible with 3M™ DBI-SALA® Davit Mast Extensions, High Capacity (10.1 cm /4' diameter): 8000112, 8000113, 8000114, 8000115.

Not compatible with any other non 3M™ davit mast extension or non 3M™ adaptor.

\*See Instructions For Use (IFU)



## Installation requirements

### Structure:

Horizontal duckboard or metallic plates

### Fixing to the Structure:

Designed to slip into a 5.06" (128.5 mm) hole in existing steel structure flooring. Comes with the necessary hardware to mount to structures with a maximum thickness of 3.50" (89 mm).

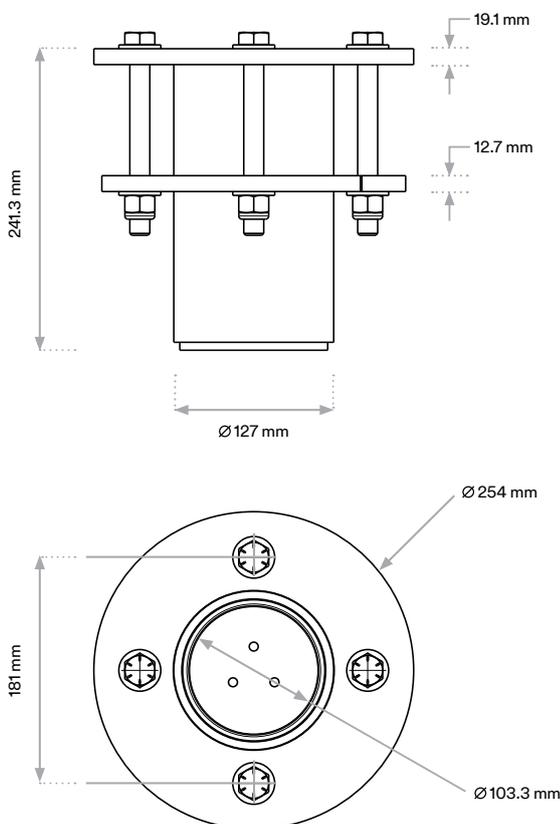
### Resistance Required\*:

Structure must be capable of withstanding a minimum 13.5 kNm moment and a minimum 12.0 kN vertical force.

### Installation:

Structure resistance validation and installation execution must be performed by competent person(s).

\*See Instructions For Use (IFU)



## Ordering Information

3M Code	Model #	Description
70804498825	8000099	3M™ DBI-SALA® Deck Mount Base High Capacity (Galvanised steel)
70804498833	8000100	3M™ DBI-SALA® Deck Mount Base High Capacity (Stainless steel)

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