

3M™ DBI-SALA® Flush Core Mount Base High Capacity with Top Plate

Technical Data Sheet

Description

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

The Flush Core Mount Base 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 jobsite need.

Recessed fastener pockets allow for bolt-in installation into existing concrete. Flush mount design allows passage of traffic and eliminates trip hazards when not in use.

Comes with PVC sleeve liner.

Specifications

Flush Core Mount Base High Capacity with Top Plate

Base Material	8000091- Galvanised steel (75 µm minimum - ISO 1461)
	8000092- 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	8000091 - 12.40 kg 8000092 - 12.20 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 concrete

Fixing to the Structure:

4 x M16 fasteners.

Designed for a central $\text{Ø}128.5 \text{ mm}$ (5.06") core hole in concrete.

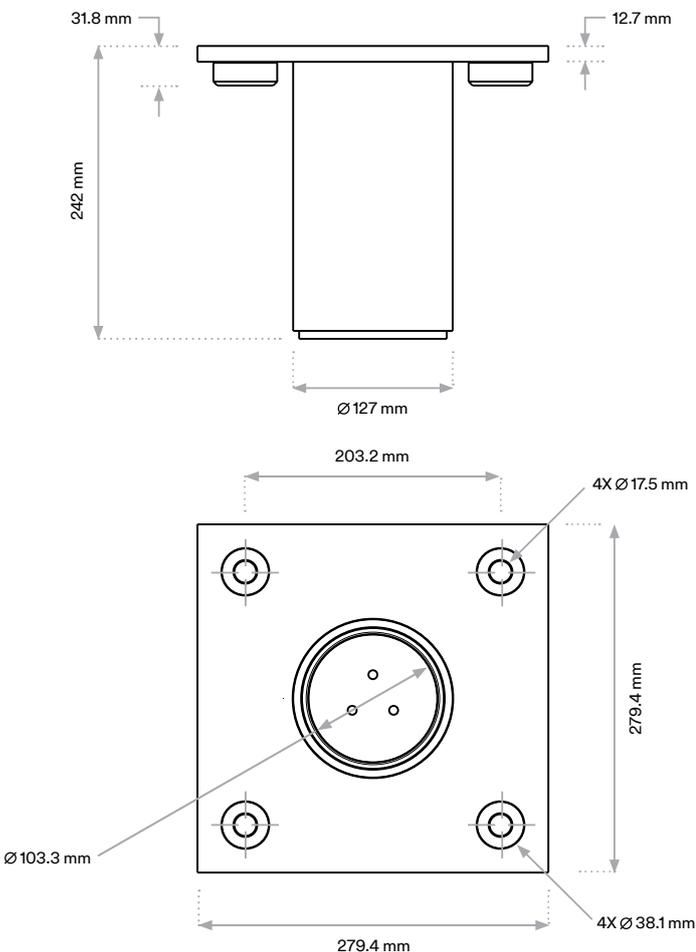
Resistance Required*:

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
70804498742	8000091	3M™ DBI-SALA® Flush Core Mount Base High Capacity with Top Plate (Galvanised steel)
70804498759	8000092	3M™ DBI-SALA® Flush Core Mount Base High Capacity with Top Plate (Stainless steel)

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