



Fall Protection

Technical Data Sheet

8000107, 8000108, 8000109, 8000110, 8000111,
8000112, 8000113, 8000114, 8000115

3M™ DBI-SALA® Davit Arm and Mast Extension High Capacity.

Part Number(s): 8000107, 8000108,
8000109, 8000110,
8000111

Product Type: Davit Arm
High Capacity

Description

Sub-brand:	DBI-SALA®
Industry:	Various confined space
Applications:	<ul style="list-style-type: none"> • Fall arrest • Rescue • Access

Features

Base Material:	<ul style="list-style-type: none"> • Aluminium 6061-T6, powder coat painted • Steel
Capacity:	<ul style="list-style-type: none"> • Fall arrest: 2 users (140 kg max each) • Load: 205 kg with portable bases • Load: 340 kg* with fixed bases • Rescue: 1 user (140 kg max)
Net Weight:	<ul style="list-style-type: none"> • 8000107 - 16.50 kg • 8000108 - 19.20 kg • 8000109 - 10.10 kg • 8000110 - 6.40 kg • 8000111 - 9.10 kg • 8000112 - 8.40 kg • 8000113 - 10.90 kg • 8000114 - 13.30 kg • 8000115 - 15.70 kg
Operating Temperature:	-40°C to +60°C
Standards:	<ul style="list-style-type: none"> • CE EN795:2012 Type B • EN1496:2006 Class B • CEN/TS16415:2013 Type B • AS/NZS 5532:2013



3M™ DBI-SALA® Short Reach Davit Arm High Capacity (14" - 28") 8000107

3M™ DBI-SALA® Long Reach Davit Arm High Capacity (27" - 44") 8000108

3M™ DBI-SALA® Universal Lower Mast High Capacity 8000109



3M™ DBI-SALA® Short Reach Offset Arm High Capacity (14" - 28") 8000110



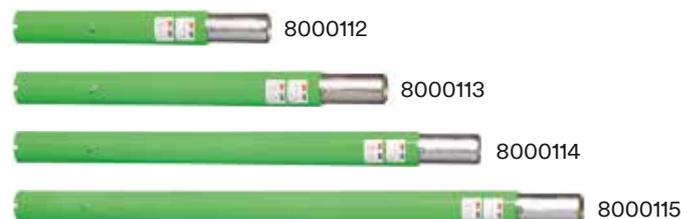
3M™ DBI-SALA® Long Reach Offset Arm High Capacity (27" - 44") 8000111

Part Number(s): 8000112, 8000113,
8000114, 8000115

Product Type: Mast Extension

Compatibility with other Davit High Capacity components*

Davit mast extension	Short and long reach davit arm high capacity can have only one davit mast extension.
Base	Complete davit (mast extension + davit arm) can be used on any fixed or portable davit base high capacity.
SRL and winches	Authorised SRL and winch can be mounted front or back whether on the universal lower mast or davit mast extension.

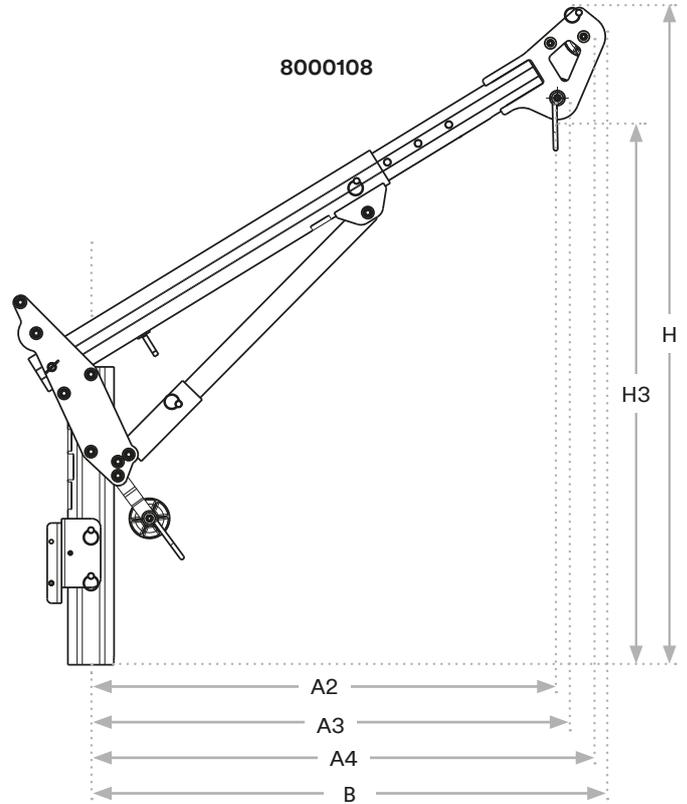
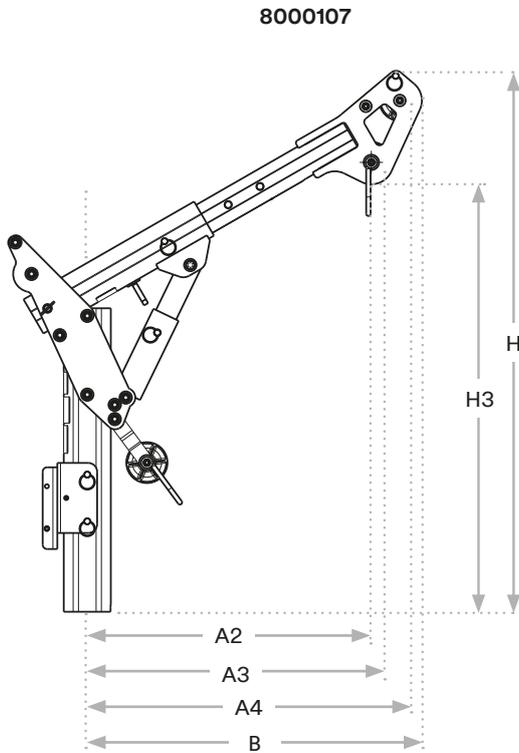


3M™ DBI-SALA® Davit Mast Extensions High Capacity

*See Instructions For Use (IFU)

Short and long reach Davit Arm High Capacity.

- External diameter of vertical tube is 10.1 cm
- Caution, min and max offset dimensions length don't correspond to min and max height, see below tables (dimensions in centimetres):



Reach	Min	Max
A2	31.2 cm	61.3 cm
A3	34.7 cm	64.8 cm
A4	36.0 cm	71.0 cm
B	37.3 cm	72.3 cm
Corresponding H3	96.5 cm	93.0 cm
Corresponding H	121.9 cm	117.7 cm

Reach	Min	Max
A2	64.0 cm	102.6 cm
A3	67.5 cm	106.1 cm
A4	68.9 cm	111.9 cm
B	70.2 cm	113.2 cm
Corresponding H3	133.5 cm	120.9 cm
Corresponding H	158.9 cm	145.7 cm

Height	Min	Max
H3	81.1 cm	114.6 cm
H	105.8 cm	140.0 cm
Corresponding A2	40.7 cm	46.7 cm
Corresponding A3	44.2 cm	50.1 cm
Corresponding A4	50.3 cm	51.4 cm
Corresponding B	51.6 cm	52.7 cm

Height	Min	Max
H3	108.4 cm	151.5 cm
H	133.2 cm	176.9 cm
Corresponding A2	82.3 cm	79.6 cm
Corresponding A3	85.8 cm	83.0 cm
Corresponding A4	91.6 cm	84.5 cm
Corresponding B	92.9 cm	85.8 cm

3M Fall Protection

Capital Safety (Northern Europe) Limited
3M Centre, Cain Road
Bracknell, Berkshire, RG12 8HT, UK

Capital Safety Group (EMEA)
Le Broc Center, Bâtiment A, Z.1. 1re Avenue – BP15
06511 Carros Le Broc, Cedex, FRANCE

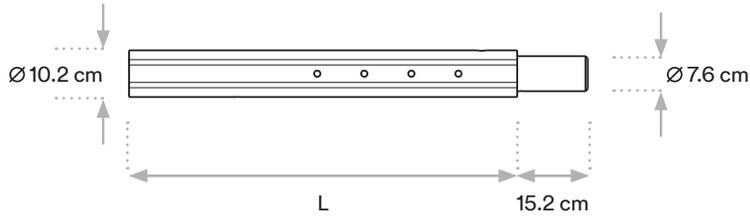
Phone 00 800 999 55500 Email informationfallprotection@mmm.com Web 3M.com/FallProtection

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Davit Mast Extension High Capacity.



Part Code:	Length
8000112	53 cm
8000113	84 cm
8000114	114 cm
8000115	144 cm

Important Notice

The mounting and use of the product described within this document assumes that the user has previous experience of this type of product and that it will be assembled by a competent professional according to product documentation. Before any use of this product it is recommended to complete some trials to validate the performance of the product within its expected application.

All information and specification details contained within this document are inherent to this specific 3M product and would not be applied to other products or environment. Any action or usage of this product made in violation of this document is at the risk of the user.

Compliance to the information and specification relative to the product contained within this document does not exempt the user from compliance with additional guidelines (safety rules, procedures). Compliance to operational requirements especially in respect to the environment and usage of tools with this product must be observed. The 3M Group (who cannot verify or control these elements) would not be held responsible for the consequences of any violation of these rules which remain external to its decision and control.

Warranty conditions for products are determined with the sales contract documents and with the mandatory and applicable law, excluding any other warranty or compensation.

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