

Submitted By: _____

Submitted on: / /

Response requested by: / /

Distributor: _____

Customer: _____

Contact: _____

Address: _____

City: _____

State: _____

Zip Code: _____

Country: _____

Phone: _____

Fax: _____

Project Name / ID: _____

Project time frame: _____

New Application

Replace existing (make / model): _____

Project time frame: _____

Quote required by: / /

Description of application: _____

1 DAVIT INSTALLATION ENVELOPE

Select a base:



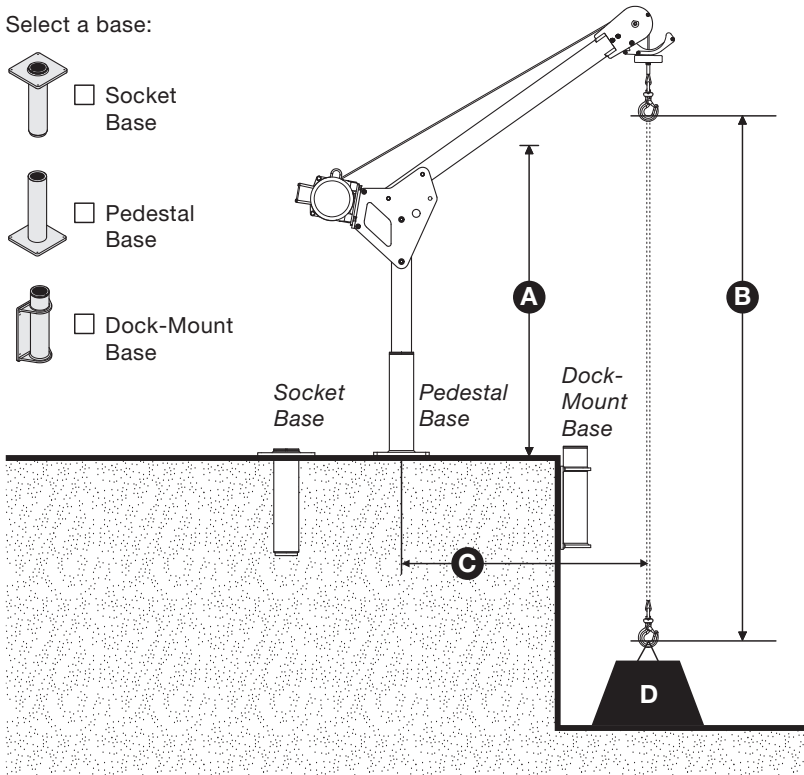
Socket Base



Pedestal Base



Dock-Mount Base



A Required Clearance

B Lift Distance

Select One:

C Fixed Lift Radius
 Variable Lift Radius
to

D Weight of Load

Davit Dimensional Constraints (if any)

Davit Weight Constraints (if any)

2 DAVIT ROTATION

Manual

Powered

Brake / Locking Mechanism

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Columbia Davit Cranes
Manufactured by Allied Power Products, Inc.
6590 SW Fallbrook Place, Beaverton, OR 97008
Phone 503-626-0654 • Fax 503-646-1996
sales@alliedpower.com • www.alliedpower.com

Rep contact:

3 LINE SPEED REQUIREMENTS

First layer line speed (fpm): Approximate Exact

Top layer line speed (fpm): Approximate Exact

Variable speed: From _____ fpm to _____ fpm Approximate Exact

Additional requirements:

4 LINE AND TRAVEL SPECIFICATIONS

Travel distance: Check if single layer on hoist is required

Line capacity on drum: _____ feet of _____ diameter Wire rope Synthetic rope Strap

Minimum D:d (drum diameter to wire rope diameter ratio), if required:

5 POWER SOURCE

Electric AC DC Volts: _____ Amps: _____ Phase: _____ Cycle: _____ Hp Input: _____

Hydraulic Pressure (psi): _____ Flow (gpm): _____ Hp Input: _____

Pneumatic (air) Pressure (psi): _____ Flow (cfm): _____ Hp Input: _____

Self-Contained / Mobile with input from: Gasoline Engine Diesel Engine Electric Generator

6 ENVIRONMENT

Indoor Outdoor Marine Temp. Range: _____ to _____ °F °C

Hazardous Class: _____ Division: _____ Group(s): _____ Corrosive (describe): _____

Additional requirements:

7 DUTY CYCLE

Light (Less than 10 hrs/month) Moderate (10-50 hrs/month) Heavy (50-200 hrs/month)

Severe (200+ hrs/month or 50% of pulls greater than 70% of maximum line pull)

8 OPTIONS AND MODIFICATIONS

Brake Limit Switch AutoAdvance Line Spooler

Slack line detection Torque limiting Grooved Drum Manual Override Cable Tensioning

Other:

9 ADDITIONAL INFORMATION

Please attach other pertinent information, and application details not covered by this form or use the area below for a sketch.

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