



DH-Series

High Performance

Direct Drive Jackshaft Operator

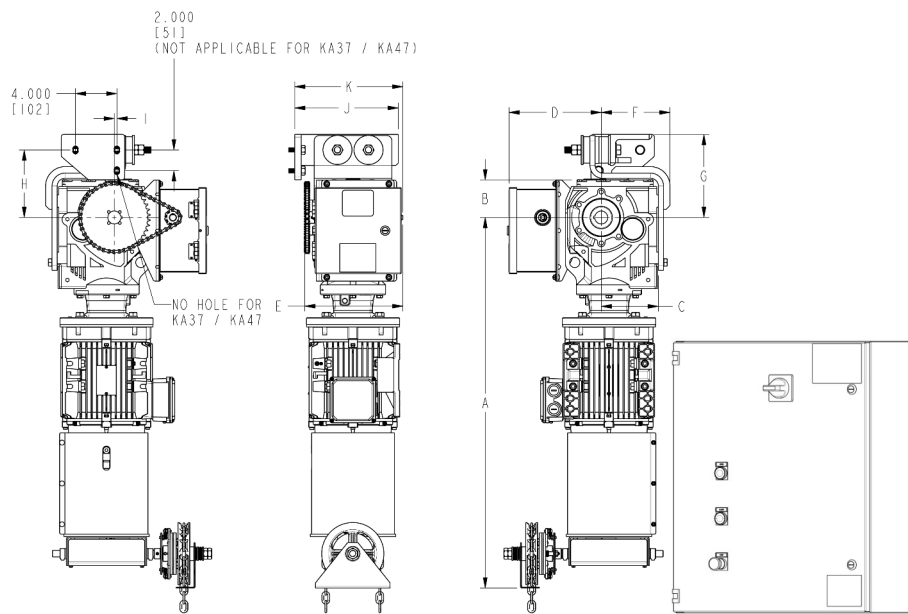
Architectural Shop Drawing

Project Details

Date: _____
Drawing No.: _____
Architect/Engineer: _____
Customer: _____

Page: _____ of _____
Project No.: _____
Project Name: _____
Contractor: _____

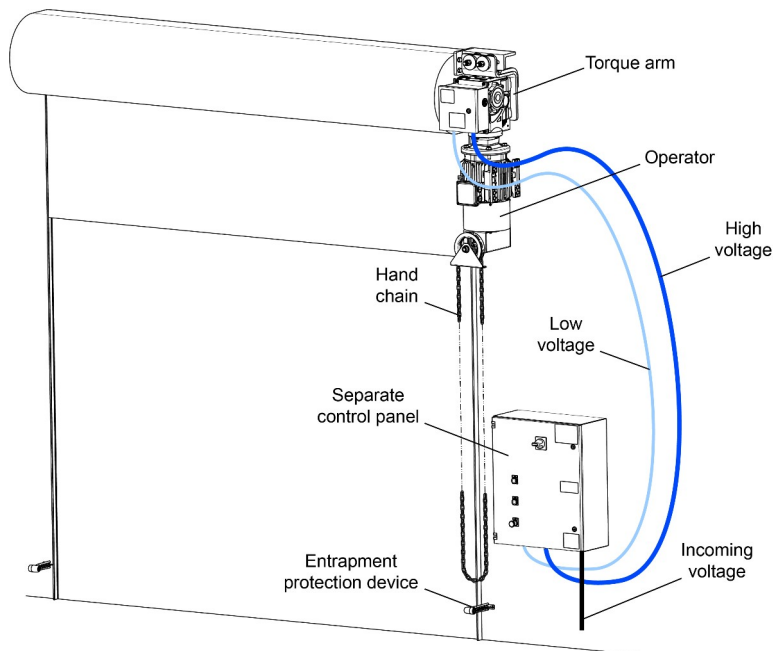
Dimensions



	KA37 1HP	KA47 1.5-2HP	KA57 1.5-2HP	KA57 3HP	KA67 3HP	KA77 3-5HP	KA77 7.5HP	KA87 7.5HP
A	29.750 [756]	32.375 [822]	32.625 [828]	35.375 [899]	35.750 [908]	36.750 [934]	42.625 [1 083]	46.125 [1 172]
B	2.750 [70]	3.125 [79]	3.500 [89]	3.500 [89]	3.625 [92]	4.625 [118]	4.625 [118]	5.188 [132]
C	3.940 [100]	4.410 [112]	5.200 [132]	5.200 [132]	5.510 [140]	7.090 [180]	7.090 [180]	8.350 [212]
D	7.875 [200]	8.125 [206]	9.000 [229]	9.000 [229]	8.625 [219]	9.125 [232]	9.125 [232]	10.000 [254]
E	9.500 [241]	9.500 [241]	9.500 [241]	9.500 [241]	9.500 [241]	9.500 [241]	9.500 [241]	10.625 [270]
F	4.940 [125]	5.410 [137]	6.375 [162]	6.375 [162]	6.688 [170]	8.875 [225]	8.875 [225]	10.125 [257]
G	7.375 [187]	7.563 [192]	8.250 [210]	8.250 [210]	8.125 [206]	9.000 [229]	9.000 [229]	9.625 [245]
H	5.613 [142]	5.810 [148]	6.710 [170]	6.710 [170]	6.514 [166]	7.500 [191]	7.500 [191]	8.069 [205]
I	0.723 [18]	0.250 [6]	0.565 [14]	0.565 [14]	0.250 [6]	0.125 [3]	0.125 [3]	0.125 [3]
J	7.125 [181]	7.125 [181]	10.000 [254]	10.000 [254]	10.000 [254]	10.000 [254]	10.000 [254]	10.000 [254]
K	9.250-11.750 [235-296]	9.650-11.125 [245-283]	9.750-12.188 [248-310]	9.750-12.188 [248-310]	9.500-11.500 [241-293]	9.000-11.188 [229-284]	9.000-11.188 [229-284]	9.750-11.500 [248-292]

Note: Operator shown with MODD001 – Torque arm (sold separately). Dimensions shown for 2 HP model. Dimensions for other models available on demand.

Typical Installation





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Ordering Specifications

MODEL:

DH (brake motor)

MOTOR:

1 HP - 7.5 HP (TBD by Manaras)

POWER SUPPLY: (To the wall-mounted control panel, included)

☐ 120VAC-1PH-60Hz (VFD only, 1 HP only)

☐ 240VAC-1PH-60Hz (VFD only, up to 3 HP)

☐ 208VAC-3PH-60Hz

☐ 480VAC-3PH-60Hz

☐ 600VAC-3PH-60Hz

DOOR INFO – SECTIONAL DOOR:

Door Type: ☐ Standard Lift ☐ Full Vertical Lift

☐ High Lift _____ [in]

Counterbalanced: ☐ Yes ☐ No

Desired Speed on Open (avg.): _____ ips

Max. Speed on Open: _____ ips

Door Shaft (keyed): ☐ 1.250" Ø

Weight: _____ [lb]

Door Size: _____ W [in] x _____ H [in]

Drum Size: _____ [in]

DOOR INFO – ROLLING DOOR:

Door Shaft (keyed): ☐ 1.250" Ø ☐ 1.375" Ø

☐ 1.500" Ø ☐ 1.750" Ø

Desired Speed on Open (avg.): _____ ips

Max. Speed on Open: _____ ips

Door Thickness: _____ [in] or _____ # of turns to fully open

Counterbalanced: ☐ Yes ☐ No⁽¹⁾

Door Size: _____ W [in] x _____ H [in]

Barrel Size: _____ [in]

Weight (hanging curtain): _____ [lb]

Weight (bottom bar): _____ [lb]

INSTALLATION MOUNTING LOCATION:

☐ Operator on Right of Door ☐ Operator on Left of Door

MANUAL OPERATION:

Chain Hoist Location ☐ Center ☐ Right ☐ Left

OPTIONS:

☐ Standard Torque Arm

☐ Low Temperature Upgrades

☐ Heavy-Duty Rolling Steel Torque Arm

☐ High and Low Voltage Plug and Play Cables

⁽¹⁾See Engineering

CONTROL PANEL STANDARD FEATURES:

Standard (Nema type 4/12)

24"H x 20"W x 8"D (61cm x 50.8cm x 20.3cm)

Inverter variable frequency drive (VFD) and brake resistor

Non-resettable analog cycle-counter mounted inside control panel

Open/close/mushroom push-pull stop on panel cover

Fused disconnect switch mounted to panel cover

BOARD070M – Full feature monitored ECB

Additional Equipment & Options

Refer to the operator's Specification Sheet and/or Wiring Diagram for General Information