

ENGINEERING DOCUMENTATION

Ball Screw Linear Module Engineering Configuration

Dimensional & Integration Guide

DOCUMENT	REVISION / ISSUE	STATUS
DIG-ES-LA-S01-P03	DRAFT-08 / 29 Aug 2026	Engineering Integration Reference

Integration Overview

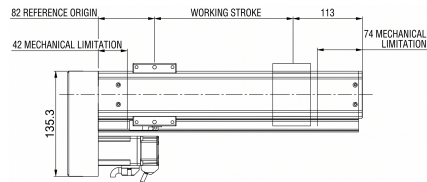
Exact ball-screw linear-module configuration for guided linear motion in automation equipment. This guide supports dimensional layout, mounting, load-path , motor and coupling integration, cable and sensor clearance, maintenance and commissioning for ES-LA-S01-P03.

Key Integration Facts

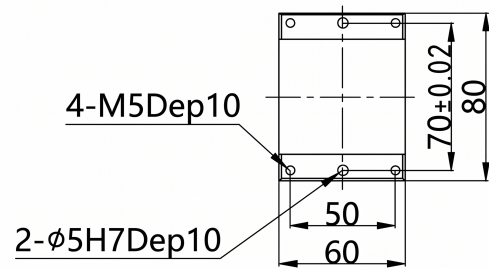
INTEGRATION ITEM	VALUE
Working Stroke	Configuration-dependent (120 records)
Overall Length	
Module Mass	
Mounting Hole Count	Configuration-dependent (114 records)
Motor Mounting Style	
Configured Motor Power	

Product Structure & Views

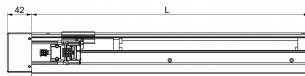
These views present the selected product structure, mounting interfaces and relevant integration geometry for this configuration.



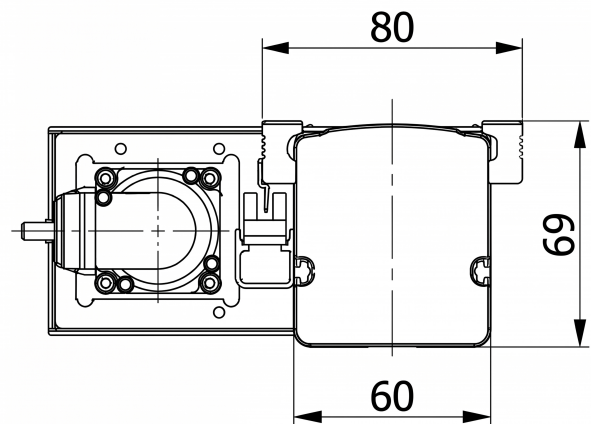
Mechanical View 1



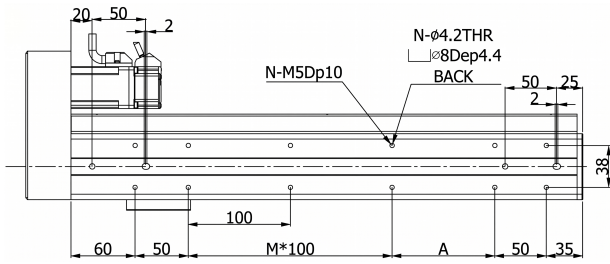
Standard Sliding rack



Mechanical View 3



Mechanical View 4



Mechanical View 5

VIEW	FIELD	VALUE
Mechanical View 1	Reference Origin Position	82 mm from reference origin
	Working Stroke	Working stroke range
	Working Stroke Length	113 mm
	Left Mechanical Limitation Position	42 mm mechanical limit
	Right Mechanical Limitation Position	74 mm mechanical limit
	Overall Height	135.3 mm
Mechanical View 2	Vertical height with tolerance	70±0.02
	Overall height	80
	M5 threaded hole specification	4-M5 Depth 10
	Mounting hole spacing	50
	Dowel pin hole specification	2-φH7 Depth 10
	Overall width	60
Mechanical View 3	Mounting end width	42 mm
	Overall Length	L (variable, depends on model)
Mechanical View 4	Overall width	80
	Overall height	69
	Bottom width	60

VIEW	FIELD	VALUE
Mechanical View 5	Left protrusion width	20 mm
	Left connector zone length	50 mm
	Connector or shaft offset	2 mm
	Through hole specification	N holes, $\varnothing$ 2 mm through
	Counterbore hole specification	$\varnothing$ mm, depth 4.4 mm
	Threaded hole specification	N holes, M5 threaded, depth 10 mm
	Back side designation	Back side
	Right main body length	50 mm
	Right protrusion width	25 mm
	Right connector offset	2 mm
	Overall height	38 mm
	Bottom mounting hole spacing	100 mm
	Left edge distance	60 mm
	Bottom section segment length	50 mm
	Reference or variable dimension	M × 100 mm (variable)
	Datum A	Datum A
	Right section segment length	50 mm
	Right edge distance	35 mm

Configuration Dimensions

- Each row remains bound to one aggregate source configuration. Compare values by row; do not combine cells from different rows into an assumed module configuration.

Configuration Dimensions

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 01 - Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	420 mm	604 mm	4.7 kg
Configuration 02 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	1140 mm	1324 mm	8.3 kg
Configuration 03 - Stroke: 120 mm; Motor mounting: Right Side Motor; Motor power: 100 W	120 mm	304 mm	3.9 kg
Configuration 04 - Stroke: 1140 mm; Motor mounting: Left Side Motor; Motor power: 100 W	1140 mm	1324 mm	9 kg
Configuration 05 - Stroke: 540 mm; Motor mounting: Left Side Motor; Motor power: 400 W	540 mm	724 mm	6 kg
Configuration 06 - Stroke: 1020 mm; Motor mounting: Right Side Motor; Motor power: 100 W	1020 mm	1204 mm	8.4 kg
Configuration 07 - Stroke: 960 mm; Motor mounting: Left Side Motor; Motor power: 400 W	960 mm	1144 mm	8.1 kg
Configuration 08 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	840 mm	1024 mm	6.8 kg
Configuration 09 - Stroke: 180 mm; Motor mounting: Left Side Motor; Motor power: 100 W	180 mm	364 mm	4.2 kg
Configuration 10 - Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	720 mm	904 mm	6.2 kg
Configuration 11 - Stroke: 600 mm; Motor mounting: Right Side Motor; Motor power: 100 W	600 mm	784 mm	6.3 kg
Configuration 12 - Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	540 mm	724 mm	5.3 kg
Configuration 13 - Stroke: 660 mm; Motor mounting: Left Side Motor; Motor power: 400 W	660 mm	844 mm	6.6 kg
Configuration 14 - Stroke: 720 mm; Motor mounting: Left Side Motor; Motor power: 100 W	720 mm	904 mm	6.9 kg
Configuration 15 - Stroke: 420 mm; Motor mounting: Left Side Motor; Motor power: 400 W	420 mm	604 mm	5.4 kg
Configuration 16 - Stroke: 600 mm; Motor mounting: Left Side Motor; Motor power: 400 W	600 mm	784 mm	6.3 kg
Configuration 17 - Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	720 mm	904 mm	6.2 kg
Configuration 18 - Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	60 mm	244 mm	2.9 kg

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 19 - Stroke: 300 mm; Motor mounting: Left Side Motor; Motor power: 400 W	300 mm	484 mm	4.8 kg
Configuration 20 - Stroke: 1200 mm; Motor mounting: Right Side Motor; Motor power: 100 W	1200 mm	-	-
Configuration 21 - Stroke: 180 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	180 mm	364 mm	3.5 kg
Configuration 22 - Stroke: 1200 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1200 mm	-	-
Configuration 23 - Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	480 mm	664 mm	5 kg
Configuration 24 - Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	600 mm	784 mm	5.6 kg
Configuration 25 - Stroke: 660 mm; Motor mounting: Right Side Motor; Motor power: 100 W	660 mm	844 mm	6.6 kg
Configuration 26 - Stroke: 780 mm; Motor mounting: Left Side Motor; Motor power: 100 W	780 mm	964 mm	7.2 kg
Configuration 27 - Stroke: 720 mm; Motor mounting: Right Side Motor; Motor power: 400 W	720 mm	904 mm	6.9 kg
Configuration 28 - Stroke: 900 mm; Motor mounting: Right Side Motor; Motor power: 100 W	900 mm	1084 mm	7.8 kg
Configuration 29 - Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	240 mm	424 mm	3.8 kg
Configuration 30 - Stroke: 1020 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1020 mm	1204 mm	8.4 kg
Configuration 31 - Stroke: 1080 mm; Motor mounting: Left Side Motor; Motor power: 100 W	1080 mm	1264 mm	8.7 kg
Configuration 32 - Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	780 mm	964 mm	6.5 kg
Configuration 33 - Stroke: 60 mm; Motor mounting: Right Side Motor; Motor power: 100 W	60 mm	244 mm	3.6 kg
Configuration 34 - Stroke: 900 mm; Motor mounting: Right Side Motor; Motor power: 400 W	900 mm	1084 mm	7.8 kg
Configuration 35 - Stroke: 780 mm; Motor mounting: Left Side Motor; Motor power: 400 W	780 mm	964 mm	7.2 kg
Configuration 36 - Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	360 mm	544 mm	4.4 kg
Configuration 37 - Stroke: 1200 mm; Motor mounting: Left Side Motor; Motor power: 100 W	1200 mm	-	-
Configuration 38 - Stroke: 720 mm; Motor mounting: Right Side Motor; Motor power: 100 W	720 mm	904 mm	6.9 kg
Configuration 39 - Stroke: 1140 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1140 mm	1324 mm	9 kg
Configuration 40 - Stroke: 240 mm; Motor mounting: Right Side Motor; Motor power: 100 W	240 mm	424 mm	4.5 kg
Configuration 41 - Stroke: 900 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	900 mm	1084 mm	7.1 kg
Configuration 42 - Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	600 mm	784 mm	5.6 kg

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 43 - Stroke: 120 mm; Motor mounting: Left Side Motor; Motor power: 100 W	120 mm	304 mm	3.9 kg
Configuration 44 - Stroke: 360 mm; Motor mounting: Left Side Motor; Motor power: 400 W	360 mm	544 mm	5.1 kg
Configuration 45 - Stroke: 660 mm; Motor mounting: Left Side Motor; Motor power: 100 W	660 mm	844 mm	6.6 kg
Configuration 46 - Stroke: 900 mm; Motor mounting: Left Side Motor; Motor power: 400 W	900 mm	1084 mm	7.8 kg
Configuration 47 - Stroke: 180 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	180 mm	364 mm	3.5 kg
Configuration 48 - Stroke: 1080 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1080 mm	1264 mm	8.7 kg
Configuration 49 - Stroke: 900 mm; Motor mounting: Left Side Motor; Motor power: 100 W	900 mm	1084 mm	7.8 kg
Configuration 50 - Stroke: 480 mm; Motor mounting: Left Side Motor; Motor power: 400 W	480 mm	664 mm	5.7 kg
Configuration 51 - Stroke: 1140 mm; Motor mounting: Right Side Motor; Motor power: 100 W	1140 mm	1324 mm	9 kg
Configuration 52 - Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	360 mm	544 mm	4.4 kg
Configuration 53 - Stroke: 1140 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1140 mm	1324 mm	9 kg
Configuration 54 - Stroke: 60 mm; Motor mounting: Right Side Motor; Motor power: 400 W	60 mm	244 mm	3.6 kg
Configuration 55 - Stroke: 240 mm; Motor mounting: Right Side Motor; Motor power: 400 W	240 mm	424 mm	4.5 kg
Configuration 56 - Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	120 mm	304 mm	3.2 kg
Configuration 57 - Stroke: 360 mm; Motor mounting: Right Side Motor; Motor power: 100 W	360 mm	544 mm	5.1 kg
Configuration 58 - Stroke: 720 mm; Motor mounting: Left Side Motor; Motor power: 400 W	720 mm	904 mm	6.9 kg
Configuration 59 - Stroke: 960 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	960 mm	1144 mm	7.4 kg
Configuration 60 - Stroke: 540 mm; Motor mounting: Right Side Motor; Motor power: 100 W	540 mm	724 mm	6 kg
Configuration 61 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1140 mm	1324 mm	8.3 kg
Configuration 62 - Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	780 mm	964 mm	6.5 kg
Configuration 63 - Stroke: 240 mm; Motor mounting: Left Side Motor; Motor power: 400 W	240 mm	424 mm	4.5 kg
Configuration 64 - Stroke: 360 mm; Motor mounting: Left Side Motor; Motor power: 100 W	360 mm	544 mm	5.1 kg
Configuration 65 - Stroke: 840 mm; Motor mounting: Left Side Motor; Motor power: 400 W	840 mm	1024 mm	7.5 kg
Configuration 66 - Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1020 mm	1204 mm	7.7 kg

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 67 - Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	1020 mm	1204 mm	7.7 kg
Configuration 68 - Stroke: 300 mm; Motor mounting: Right Side Motor; Motor power: 100 W	300 mm	484 mm	4.8 kg
Configuration 69 - Stroke: 480 mm; Motor mounting: Left Side Motor; Motor power: 100 W	480 mm	664 mm	5.7 kg
Configuration 70 - Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	120 mm	304 mm	3.2 kg
Configuration 71 - Stroke: 60 mm; Motor mounting: Left Side Motor; Motor power: 100 W	60 mm	244 mm	3.6 kg
Configuration 72 - Stroke: 60 mm; Motor mounting: Left Side Motor; Motor power: 400 W	60 mm	244 mm	3.6 kg
Configuration 73 - Stroke: 420 mm; Motor mounting: Right Side Motor; Motor power: 400 W	420 mm	604 mm	5.4 kg
Configuration 74 - Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	420 mm	604 mm	4.7 kg
Configuration 75 - Stroke: 180 mm; Motor mounting: Right Side Motor; Motor power: 400 W	180 mm	364 mm	4.2 kg
Configuration 76 - Stroke: 960 mm; Motor mounting: Right Side Motor; Motor power: 100 W	960 mm	1144 mm	8.1 kg
Configuration 77 - Stroke: 120 mm; Motor mounting: Left Side Motor; Motor power: 400 W	120 mm	304 mm	3.9 kg
Configuration 78 - Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	480 mm	664 mm	5 kg
Configuration 79 - Stroke: 300 mm; Motor mounting: Left Side Motor; Motor power: 100 W	300 mm	484 mm	4.8 kg
Configuration 80 - Stroke: 900 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	900 mm	1084 mm	7.1 kg
Configuration 81 - Stroke: 120 mm; Motor mounting: Right Side Motor; Motor power: 400 W	120 mm	304 mm	3.9 kg
Configuration 82 - Stroke: 840 mm; Motor mounting: Right Side Motor; Motor power: 100 W	840 mm	1024 mm	7.5 kg
Configuration 83 - Stroke: 420 mm; Motor mounting: Right Side Motor; Motor power: 100 W	420 mm	604 mm	5.4 kg
Configuration 84 - Stroke: 600 mm; Motor mounting: Left Side Motor; Motor power: 100 W	600 mm	784 mm	6.3 kg
Configuration 85 - Stroke: 360 mm; Motor mounting: Right Side Motor; Motor power: 400 W	360 mm	544 mm	5.1 kg
Configuration 86 - Stroke: 1200 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1200 mm	-	-
Configuration 87 - Stroke: 480 mm; Motor mounting: Right Side Motor; Motor power: 100 W	480 mm	664 mm	5.7 kg
Configuration 88 - Stroke: 1020 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1020 mm	1204 mm	8.4 kg
Configuration 89 - Stroke: 600 mm; Motor mounting: Right Side Motor; Motor power: 400 W	600 mm	784 mm	6.3 kg
Configuration 90 - Stroke: 240 mm; Motor mounting: Left Side Motor; Motor power: 100 W	240 mm	424 mm	4.5 kg

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 91 - Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	300 mm	484 mm	4.1 kg
Configuration 92 - Stroke: 660 mm; Motor mounting: Right Side Motor; Motor power: 400 W	660 mm	844 mm	6.6 kg
Configuration 93 - Stroke: 780 mm; Motor mounting: Right Side Motor; Motor power: 400 W	780 mm	964 mm	7.2 kg
Configuration 94 - Stroke: 780 mm; Motor mounting: Right Side Motor; Motor power: 100 W	780 mm	964 mm	7.2 kg
Configuration 95 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	840 mm	1024 mm	6.8 kg
Configuration 96 - Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	60 mm	244 mm	2.9 kg
Configuration 97 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	1080 mm	1264 mm	8 kg
Configuration 98 - Stroke: 180 mm; Motor mounting: Left Side Motor; Motor power: 400 W	180 mm	364 mm	4.2 kg
Configuration 99 - Stroke: 540 mm; Motor mounting: Left Side Motor; Motor power: 100 W	540 mm	724 mm	6 kg
Configuration 100 - Stroke: 1020 mm; Motor mounting: Left Side Motor; Motor power: 100 W	1020 mm	1204 mm	8.4 kg
Configuration 101 - Stroke: 960 mm; Motor mounting: Right Side Motor; Motor power: 400 W	960 mm	1144 mm	8.1 kg
Configuration 102 - Stroke: 180 mm; Motor mounting: Right Side Motor; Motor power: 100 W	180 mm	364 mm	4.2 kg
Configuration 103 - Stroke: 420 mm; Motor mounting: Left Side Motor; Motor power: 100 W	420 mm	604 mm	5.4 kg
Configuration 104 - Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	300 mm	484 mm	4.1 kg
Configuration 105 - Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	240 mm	424 mm	3.8 kg
Configuration 106 - Stroke: 300 mm; Motor mounting: Right Side Motor; Motor power: 400 W	300 mm	484 mm	4.8 kg
Configuration 107 - Stroke: 1200 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1200 mm	-	-
Configuration 108 - Stroke: 840 mm; Motor mounting: Left Side Motor; Motor power: 100 W	840 mm	1024 mm	7.5 kg
Configuration 109 - Stroke: 960 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	960 mm	1144 mm	7.4 kg
Configuration 110 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1080 mm	1264 mm	8 kg
Configuration 111 - Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	660 mm	844 mm	5.9 kg
Configuration 112 - Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	540 mm	724 mm	5.3 kg
Configuration 113 - Stroke: 540 mm; Motor mounting: Right Side Motor; Motor power: 400 W	540 mm	724 mm	6 kg
Configuration 114 - Stroke: 1200 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	1200 mm	-	-

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 115 – Stroke: 960 mm; Motor mounting: Left Side Motor; Motor power: 100 W	960 mm	1144 mm	8.1 kg
Configuration 116 – Stroke: 840 mm; Motor mounting: Right Side Motor; Motor power: 400 W	840 mm	1024 mm	7.5 kg
Configuration 117 – Stroke: 1080 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1080 mm	1264 mm	8.7 kg
Configuration 118 – Stroke: 1080 mm; Motor mounting: Right Side Motor; Motor power: 100 W	1080 mm	1264 mm	8.7 kg
Configuration 119 – Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	660 mm	844 mm	5.9 kg
Configuration 120 – Stroke: 480 mm; Motor mounting: Right Side Motor; Motor power: 400 W	480 mm	664 mm	5.7 kg

Mounting and Drive Configuration

Mounting and Drive Configuration

CONFIGURATION	MOUNTING HOLE COUNT
Configuration 01 - Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	10
Configuration 02 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	22
Configuration 03 - Stroke: 120 mm; Motor mounting: Right Side Motor; Motor power: 100 W	5
Configuration 04 - Stroke: 1140 mm; Motor mounting: Left Side Motor; Motor power: 100 W	22
Configuration 05 - Stroke: 540 mm; Motor mounting: Left Side Motor; Motor power: 400 W	12
Configuration 06 - Stroke: 1020 mm; Motor mounting: Right Side Motor; Motor power: 100 W	20
Configuration 07 - Stroke: 960 mm; Motor mounting: Left Side Motor; Motor power: 400 W	19
Configuration 08 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	17
Configuration 09 - Stroke: 180 mm; Motor mounting: Left Side Motor; Motor power: 100 W	6
Configuration 10 - Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	15
Configuration 11 - Stroke: 600 mm; Motor mounting: Right Side Motor; Motor power: 100 W	13
Configuration 12 - Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	12
Configuration 13 - Stroke: 660 mm; Motor mounting: Left Side Motor; Motor power: 400 W	14
Configuration 14 - Stroke: 720 mm; Motor mounting: Left Side Motor; Motor power: 100 W	15
Configuration 15 - Stroke: 420 mm; Motor mounting: Left Side Motor; Motor power: 400 W	10
Configuration 16 - Stroke: 600 mm; Motor mounting: Left Side Motor; Motor power: 400 W	13
Configuration 17 - Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	15
Configuration 18 - Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	4
Configuration 19 - Stroke: 300 mm; Motor mounting: Left Side Motor; Motor power: 400 W	8
Configuration 21 - Stroke: 180 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	6

CONFIGURATION	MOUNTING HOLE COUNT
Configuration 23 - Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	11
Configuration 24 - Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	13
Configuration 25 - Stroke: 660 mm; Motor mounting: Right Side Motor; Motor power: 100 W	14
Configuration 26 - Stroke: 780 mm; Motor mounting: Left Side Motor; Motor power: 100 W	16
Configuration 27 - Stroke: 720 mm; Motor mounting: Right Side Motor; Motor power: 400 W	15
Configuration 28 - Stroke: 900 mm; Motor mounting: Right Side Motor; Motor power: 100 W	18
Configuration 29 - Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	7
Configuration 30 - Stroke: 1020 mm; Motor mounting: Right Side Motor; Motor power: 400 W	20
Configuration 31 - Stroke: 1080 mm; Motor mounting: Left Side Motor; Motor power: 100 W	21
Configuration 32 - Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	16
Configuration 33 - Stroke: 60 mm; Motor mounting: Right Side Motor; Motor power: 100 W	4
Configuration 34 - Stroke: 900 mm; Motor mounting: Right Side Motor; Motor power: 400 W	18
Configuration 35 - Stroke: 780 mm; Motor mounting: Left Side Motor; Motor power: 400 W	16
Configuration 36 - Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	9
Configuration 38 - Stroke: 720 mm; Motor mounting: Right Side Motor; Motor power: 100 W	15
Configuration 39 - Stroke: 1140 mm; Motor mounting: Right Side Motor; Motor power: 400 W	22
Configuration 40 - Stroke: 240 mm; Motor mounting: Right Side Motor; Motor power: 100 W	7
Configuration 41 - Stroke: 900 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	18
Configuration 42 - Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	13
Configuration 43 - Stroke: 120 mm; Motor mounting: Left Side Motor; Motor power: 100 W	5
Configuration 44 - Stroke: 360 mm; Motor mounting: Left Side Motor; Motor power: 400 W	9
Configuration 45 - Stroke: 660 mm; Motor mounting: Left Side Motor; Motor power: 100 W	14
Configuration 46 - Stroke: 900 mm; Motor mounting: Left Side Motor; Motor power: 400 W	18
Configuration 47 - Stroke: 180 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	6

CONFIGURATION	MOUNTING HOLE COUNT
Configuration 48 - Stroke: 1080 mm; Motor mounting: Left Side Motor; Motor power: 400 W	21
Configuration 49 - Stroke: 900 mm; Motor mounting: Left Side Motor; Motor power: 100 W	18
Configuration 50 - Stroke: 480 mm; Motor mounting: Left Side Motor; Motor power: 400 W	11
Configuration 51 - Stroke: 1140 mm; Motor mounting: Right Side Motor; Motor power: 100 W	22
Configuration 52 - Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	9
Configuration 53 - Stroke: 1140 mm; Motor mounting: Left Side Motor; Motor power: 400 W	22
Configuration 54 - Stroke: 60 mm; Motor mounting: Right Side Motor; Motor power: 400 W	4
Configuration 55 - Stroke: 240 mm; Motor mounting: Right Side Motor; Motor power: 400 W	7
Configuration 56 - Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	5
Configuration 57 - Stroke: 360 mm; Motor mounting: Right Side Motor; Motor power: 100 W	9
Configuration 58 - Stroke: 720 mm; Motor mounting: Left Side Motor; Motor power: 400 W	15
Configuration 59 - Stroke: 960 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	19
Configuration 60 - Stroke: 540 mm; Motor mounting: Right Side Motor; Motor power: 100 W	12
Configuration 61 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	22
Configuration 62 - Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	16
Configuration 63 - Stroke: 240 mm; Motor mounting: Left Side Motor; Motor power: 400 W	7
Configuration 64 - Stroke: 360 mm; Motor mounting: Left Side Motor; Motor power: 100 W	9
Configuration 65 - Stroke: 840 mm; Motor mounting: Left Side Motor; Motor power: 400 W	17
Configuration 66 - Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	20
Configuration 67 - Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	20
Configuration 68 - Stroke: 300 mm; Motor mounting: Right Side Motor; Motor power: 100 W	8
Configuration 69 - Stroke: 480 mm; Motor mounting: Left Side Motor; Motor power: 100 W	11
Configuration 70 - Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	5
Configuration 71 - Stroke: 60 mm; Motor mounting: Left Side Motor; Motor power: 100 W	4

CONFIGURATION	MOUNTING HOLE COUNT
Configuration 72 - Stroke: 60 mm; Motor mounting: Left Side Motor; Motor power: 400 W	4
Configuration 73 - Stroke: 420 mm; Motor mounting: Right Side Motor; Motor power: 400 W	10
Configuration 74 - Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	10
Configuration 75 - Stroke: 180 mm; Motor mounting: Right Side Motor; Motor power: 400 W	6
Configuration 76 - Stroke: 960 mm; Motor mounting: Right Side Motor; Motor power: 100 W	19
Configuration 77 - Stroke: 120 mm; Motor mounting: Left Side Motor; Motor power: 400 W	5
Configuration 78 - Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	11
Configuration 79 - Stroke: 300 mm; Motor mounting: Left Side Motor; Motor power: 100 W	8
Configuration 80 - Stroke: 900 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	18
Configuration 81 - Stroke: 120 mm; Motor mounting: Right Side Motor; Motor power: 400 W	5
Configuration 82 - Stroke: 840 mm; Motor mounting: Right Side Motor; Motor power: 100 W	17
Configuration 83 - Stroke: 420 mm; Motor mounting: Right Side Motor; Motor power: 100 W	10
Configuration 84 - Stroke: 600 mm; Motor mounting: Left Side Motor; Motor power: 100 W	13
Configuration 85 - Stroke: 360 mm; Motor mounting: Right Side Motor; Motor power: 400 W	9
Configuration 87 - Stroke: 480 mm; Motor mounting: Right Side Motor; Motor power: 100 W	11
Configuration 88 - Stroke: 1020 mm; Motor mounting: Left Side Motor; Motor power: 400 W	20
Configuration 89 - Stroke: 600 mm; Motor mounting: Right Side Motor; Motor power: 400 W	13
Configuration 90 - Stroke: 240 mm; Motor mounting: Left Side Motor; Motor power: 100 W	7
Configuration 91 - Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	8
Configuration 92 - Stroke: 660 mm; Motor mounting: Right Side Motor; Motor power: 400 W	14
Configuration 93 - Stroke: 780 mm; Motor mounting: Right Side Motor; Motor power: 400 W	16
Configuration 94 - Stroke: 780 mm; Motor mounting: Right Side Motor; Motor power: 100 W	16
Configuration 95 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	17
Configuration 96 - Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	4

CONFIGURATION	MOUNTING HOLE COUNT
Configuration 97 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	21
Configuration 98 - Stroke: 180 mm; Motor mounting: Left Side Motor; Motor power: 400 W	6
Configuration 99 - Stroke: 540 mm; Motor mounting: Left Side Motor; Motor power: 100 W	12
Configuration 100 - Stroke: 1020 mm; Motor mounting: Left Side Motor; Motor power: 100 W	20
Configuration 101 - Stroke: 960 mm; Motor mounting: Right Side Motor; Motor power: 400 W	19
Configuration 102 - Stroke: 180 mm; Motor mounting: Right Side Motor; Motor power: 100 W	6
Configuration 103 - Stroke: 420 mm; Motor mounting: Left Side Motor; Motor power: 100 W	10
Configuration 104 - Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	8
Configuration 105 - Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	7
Configuration 106 - Stroke: 300 mm; Motor mounting: Right Side Motor; Motor power: 400 W	8
Configuration 108 - Stroke: 840 mm; Motor mounting: Left Side Motor; Motor power: 100 W	17
Configuration 109 - Stroke: 960 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	19
Configuration 110 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	21
Configuration 111 - Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	14
Configuration 112 - Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	12
Configuration 113 - Stroke: 540 mm; Motor mounting: Right Side Motor; Motor power: 400 W	12
Configuration 115 - Stroke: 960 mm; Motor mounting: Left Side Motor; Motor power: 100 W	19
Configuration 116 - Stroke: 840 mm; Motor mounting: Right Side Motor; Motor power: 400 W	17
Configuration 117 - Stroke: 1080 mm; Motor mounting: Right Side Motor; Motor power: 400 W	21
Configuration 118 - Stroke: 1080 mm; Motor mounting: Right Side Motor; Motor power: 100 W	21
Configuration 119 - Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	14
Configuration 120 - Stroke: 480 mm; Motor mounting: Right Side Motor; Motor power: 400 W	11

Motor Interface Configuration

Motor Interface Configuration

CONFIGURATION	MOTOR MOUNTING STYLE	CONFIGURED MOTOR POWER
Configuration 01 - Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 02 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 03 - Stroke: 120 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 04 - Stroke: 1140 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 05 - Stroke: 540 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 06 - Stroke: 1020 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 07 - Stroke: 960 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 08 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 09 - Stroke: 180 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 10 - Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 11 - Stroke: 600 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 12 - Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 13 - Stroke: 660 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 14 - Stroke: 720 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 15 - Stroke: 420 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 16 - Stroke: 600 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 17 - Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 18 - Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 19 - Stroke: 300 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 20 - Stroke: 1200 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W

CONFIGURATION	MOTOR MOUNTING STYLE	CONFIGURED MOTOR POWER
Configuration 21 – Stroke: 180 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 22 – Stroke: 1200 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 23 – Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 24 – Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 25 – Stroke: 660 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 26 – Stroke: 780 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 27 – Stroke: 720 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 28 – Stroke: 900 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 29 – Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 30 – Stroke: 1020 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 31 – Stroke: 1080 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 32 – Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 33 – Stroke: 60 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 34 – Stroke: 900 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 35 – Stroke: 780 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 36 – Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 37 – Stroke: 1200 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 38 – Stroke: 720 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 39 – Stroke: 1140 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 40 – Stroke: 240 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 41 – Stroke: 900 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 42 – Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 43 – Stroke: 120 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 44 – Stroke: 360 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W

CONFIGURATION	MOTOR MOUNTING STYLE	CONFIGURED MOTOR POWER
Configuration 45 - Stroke: 660 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 46 - Stroke: 900 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 47 - Stroke: 180 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 48 - Stroke: 1080 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 49 - Stroke: 900 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 50 - Stroke: 480 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 51 - Stroke: 1140 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 52 - Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 53 - Stroke: 1140 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 54 - Stroke: 60 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 55 - Stroke: 240 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 56 - Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 57 - Stroke: 360 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 58 - Stroke: 720 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 59 - Stroke: 960 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 60 - Stroke: 540 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 61 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 62 - Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 63 - Stroke: 240 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 64 - Stroke: 360 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 65 - Stroke: 840 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 66 - Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 67 - Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 68 - Stroke: 300 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W

CONFIGURATION	MOTOR MOUNTING STYLE	CONFIGURED MOTOR POWER
Configuration 69 - Stroke: 480 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 70 - Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 71 - Stroke: 60 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 72 - Stroke: 60 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 73 - Stroke: 420 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 74 - Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 75 - Stroke: 180 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 76 - Stroke: 960 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 77 - Stroke: 120 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 78 - Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 79 - Stroke: 300 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 80 - Stroke: 900 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 81 - Stroke: 120 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 82 - Stroke: 840 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 83 - Stroke: 420 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 84 - Stroke: 600 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 85 - Stroke: 360 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 86 - Stroke: 1200 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 87 - Stroke: 480 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 88 - Stroke: 1020 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 89 - Stroke: 600 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 90 - Stroke: 240 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 91 - Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 92 - Stroke: 660 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W

CONFIGURATION	MOTOR MOUNTING STYLE	CONFIGURED MOTOR POWER
Configuration 93 - Stroke: 780 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 94 - Stroke: 780 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 95 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 96 - Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 97 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 98 - Stroke: 180 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 99 - Stroke: 540 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 100 - Stroke: 1020 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 101 - Stroke: 960 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 102 - Stroke: 180 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 103 - Stroke: 420 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 104 - Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 105 - Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 106 - Stroke: 300 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 107 - Stroke: 1200 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 108 - Stroke: 840 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 109 - Stroke: 960 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 110 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 111 - Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 112 - Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 113 - Stroke: 540 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 114 - Stroke: 1200 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 115 - Stroke: 960 mm; Motor mounting: Left Side Motor; Motor power: 100 W	Left Side Motor	100 W
Configuration 116 - Stroke: 840 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W

CONFIGURATION	MOTOR MOUNTING STYLE	CONFIGURED MOTOR POWER
Configuration 117 – Stroke: 1080 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 118 – Stroke: 1080 mm; Motor mounting: Right Side Motor; Motor power: 100 W	Right Side Motor	100 W
Configuration 119 – Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 100 W	External Direct Coupling	100 W
Configuration 120 – Stroke: 480 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W

Overall Dimensions and Mounting Interface

PARAMETER	VALUE	UNIT
Ball Screw Diameter	16	mm

- Confirm this exact SKU, the selected motor-mounting configuration and the applicable mechanical views before using dimensions or interface geometry.
- Keep mounting faces flat, clean and free of burrs, raised holes, debris and coating buildup.
- Reserve assembly, inspection, cable, lubrication and removal access around the module and motor interface.

Load Path and Installation Orientation

- Route axial force through the carriage, supported mounting structure and host guide; include offset, side load, acceleration, shock and emergency-stop cases.
- Validate horizontal, wall and vertical installation loads with the actual payload center, guide spacing, host stiffness and duty cycle.
- Control payload center of gravity and overhung moment; verify the complete installed load path rather than inferring capacity from module mass or size.

Motion and Duty-Cycle Validation

- Validate the complete acceleration, travel, dwell, reversal and stop cycle using the stroke and selected motor configuration.
- Establish speed, acceleration, payload and moment limits from the complete selected module, motor, guide and host calculation.
- Verify temperature and resonance behavior using the installed motor, stroke, load, mounting heat path and operating cycle.

Motor, Coupling and Sensor Integration

- Match the motor mounting style, adapter, configured motor power and interface dimensions before assembly.
- Verify coupling bore, engagement, concentricity, axial position and tightening controls, then check smooth travel at zero energy.
- Provide cable slack, bend radius, strain relief and sensor clearance across the complete motion envelope.

Maintenance, Contamination and Service Envelope

- Prevent chips, fibers, cleaning residue and moisture from entering the ball screw, guide, sensor and coupling interfaces.
- Provide access for lubrication, inspection, sensor adjustment, fastener verification and specified removal.
- Stop and inspect after binding, impact, abnormal noise, rising temperature, unexpected friction or protection damage.

Commissioning and Safety

- Commission in stages with the host guide, limits, guards and cable routing installed; verify each boundary before increasing speed or load.
- At low energy verify travel direction, home and limit behavior, command polarity, stroke and sensor state.
- Verify emergency stop, fault response, recovery behavior and safe holding requirements for the installed orientation.

Integration Checklist

- 01 Confirm the exact SKU, parameters and selected mechanical-view configuration.
- 02 Verify working stroke, overall length, module mass, mounting-hole count and service clearance.
- 03 Establish the complete axial, side-load and moment load path for the host structure.
- 04 Validate horizontal, wall and vertical installation cases using the actual payload center and duty cycle.
- 05 Match motor mounting style, configured motor power, adapter and coupling dimensions.
- 06 Verify coupling alignment, engagement, tightening and smooth travel before applying drive power.
- 07 Provide cable slack, bend radius, strain relief and sensor clearance across the full motion envelope.
- 08 Protect the ball screw, guide, sensors and coupling from contamination and moisture.
- 09 At low energy verify direction, home, limits, stroke, speed and fault-stop behavior.
- 10 Request current 2D, STEP, motor-interface, wiring, lubrication and maintenance data before final integration.

[View SKU Product Datasheet](#) [Request controlled 2D drawing](#) [Request controlled STEP review](#) [Request a Quote](#)

Engineering Use and Verification Notice

01. This Dimensional & Integration Guide applies only to EmbodyStack SKU ES-LA-S01-P03 and is intended for dimensional evaluation and preliminary integration. It is not a applicable manufacturing drawing, module or motor selection approval, payload or safety approval, wiring final integration, machinery risk assessment or integration planning document and must not be used as the sole basis for machining, host-structure design, coupling manufacture, fastener selection, cable assembly or final integration. Before design freeze, assembly or commissioning, verify dimensions, interface geometry, mounting holes, travel and collision envelope, load path, orientation, payload center, speed, acceleration, motor, adapter, coupling, sensors, cable routing, limits, thermal behavior, contamination control and maintenance requirements against the applicable EmbodyStack engineering data for this exact SKU and selected configuration. Where this guide and applicable product documentation differ, the applicable product documentation governs. Validate the complete module, motor, guide, host structure, motion cycle, guarding, fault cases and applicable regulatory requirements under intended operating conditions.