

ENGINEERING DOCUMENTATION

Ball Screw Linear Module Engineering Configuration

Dimensional & Integration Guide

DOCUMENT	REVISION / ISSUE	STATUS
DIG-ES-LA-S01-P07	DRAFT-08 / 29 Aug 2026	Engineering Integration Reference

Integration Overview

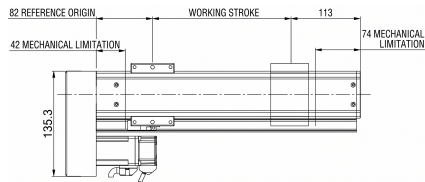
Exact ball-screw linear-module configuration for guided linear motion in automation equipment. This guide supports dimensional layout, mounting, load-path , motor and coupling integration, cable and sensor clearance, maintenance and commissioning for ES-LA-S01-P07.

Key Integration Facts

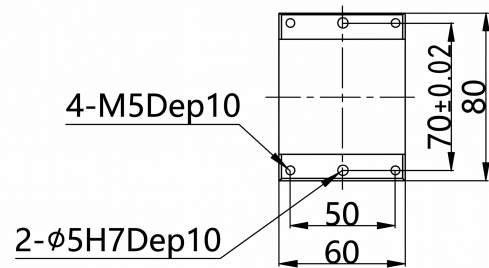
INTEGRATION ITEM	VALUE
Working Stroke	Configuration-dependent (150 records)
Overall Length	
Module Mass	
Mounting Hole Count	Configuration-dependent (100 records)
Motor Mounting Style	Configuration-dependent (150 records)
Configured Motor Power	

Product Structure & Views

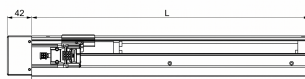
These views present the selected product structure, mounting interfaces and relevant integration geometry for this configuration.



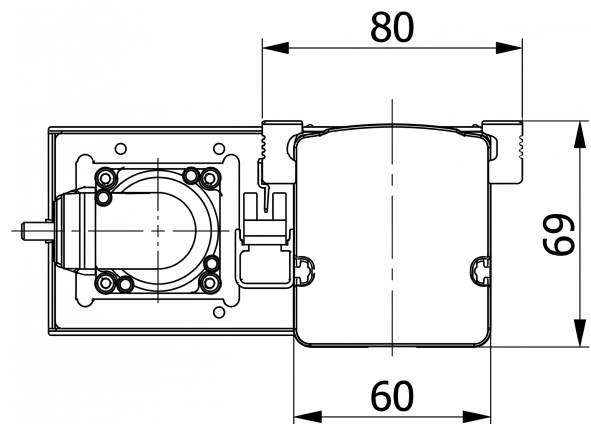
Mechanical View 1



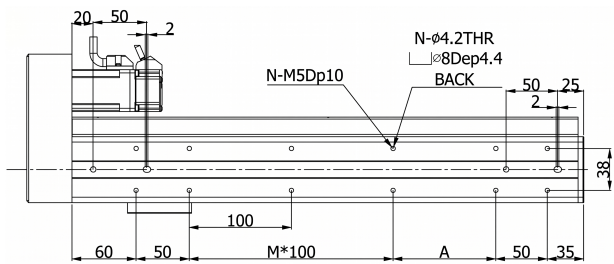
Standard Sliding rack



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-ØH7 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: 540 mm; Motor mounting: Left Side Motor; Motor power: 750 W	540 mm	803 mm	11.5 kg
Configuration 02 - Stroke: 960 mm; Motor mounting: Left Side Motor; Motor power: 750 W	960 mm	1223 mm	14.3 kg
Configuration 03 - Stroke: 600 mm; Motor mounting: Right Side Motor; Motor power: 750 W	600 mm	863 mm	11.9 kg
Configuration 04 - Stroke: 1380 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1380 mm	1643 mm	17.1 kg
Configuration 05 - Stroke: 1500 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1500 mm	1763 mm	17.2 kg
Configuration 06 - Stroke: 960 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	960 mm	1223 mm	13.6 kg
Configuration 07 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	840 mm	1103 mm	12.8 kg
Configuration 08 - Stroke: 660 mm; Motor mounting: Right Side Motor; Motor power: 400 W	660 mm	923 mm	12.3 kg
Configuration 09 - Stroke: 1500 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1500 mm	1763 mm	17.9 kg
Configuration 10 - Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	480 mm	743 mm	10.4 kg
Configuration 11 - Stroke: 900 mm; Motor mounting: Left Side Motor; Motor power: 750 W	900 mm	1163 mm	13.9 kg
Configuration 12 - Stroke: 480 mm; Motor mounting: Right Side Motor; Motor power: 750 W	480 mm	743 mm	11.1 kg
Configuration 13 - Stroke: 720 mm; Motor mounting: Right Side Motor; Motor power: 750 W	720 mm	983 mm	12.7 kg
Configuration 14 - Stroke: 1260 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1260 mm	1523 mm	15.6 kg
Configuration 15 - Stroke: 1020 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1020 mm	1283 mm	14.7 kg
Configuration 16 - Stroke: 240 mm; Motor mounting: Left Side Motor; Motor power: 750 W	240 mm	503 mm	9.5 kg
Configuration 17 - Stroke: 1260 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1260 mm	1523 mm	16.3 kg
Configuration 18 - Stroke: 120 mm; Motor mounting: Right Side Motor; Motor power: 750 W	120 mm	383 mm	8.7 kg

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 19 - Stroke: 1500 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1500 mm	1763 mm	17.9 kg
Configuration 20 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1140 mm	1403 mm	14.8 kg
Configuration 21 - Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	780 mm	1043 mm	12.4 kg
Configuration 22 - Stroke: 780 mm; Motor mounting: Left Side Motor; Motor power: 750 W	780 mm	1043 mm	13.1 kg
Configuration 23 - Stroke: 1380 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1380 mm	1643 mm	17.1 kg
Configuration 24 - Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	600 mm	863 mm	11.2 kg
Configuration 25 - Stroke: 1380 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1380 mm	1643 mm	16.4 kg
Configuration 26 - Stroke: 1200 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1200 mm	1463 mm	15.2 kg
Configuration 27 - Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	420 mm	683 mm	10 kg
Configuration 28 - Stroke: 1200 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1200 mm	1463 mm	15.2 kg
Configuration 29 - Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	360 mm	623 mm	9.6 kg
Configuration 30 - Stroke: 420 mm; Motor mounting: Right Side Motor; Motor power: 400 W	420 mm	683 mm	10.7 kg
Configuration 31 - Stroke: 1080 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1080 mm	1343 mm	15.1 kg
Configuration 32 - Stroke: 120 mm; Motor mounting: Right Side Motor; Motor power: 400 W	120 mm	383 mm	8.7 kg
Configuration 33 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	840 mm	1103 mm	12.8 kg
Configuration 34 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1140 mm	1403 mm	14.8 kg
Configuration 35 - Stroke: 180 mm; Motor mounting: Right Side Motor; Motor power: 750 W	180 mm	443 mm	9.1 kg
Configuration 36 - Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	720 mm	983 mm	12 kg
Configuration 37 - Stroke: 960 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	960 mm	1223 mm	13.6 kg
Configuration 38 - Stroke: 360 mm; Motor mounting: Left Side Motor; Motor power: 400 W	360 mm	623 mm	10.3 kg
Configuration 39 - Stroke: 120 mm; Motor mounting: Left Side Motor; Motor power: 750 W	120 mm	383 mm	8.7 kg
Configuration 40 - Stroke: 240 mm; Motor mounting: Right Side Motor; Motor power: 400 W	240 mm	503 mm	9.5 kg
Configuration 41 - Stroke: 780 mm; Motor mounting: Right Side Motor; Motor power: 400 W	780 mm	1043 mm	13.1 kg
Configuration 42 - Stroke: 720 mm; Motor mounting: Left Side Motor; Motor power: 400 W	720 mm	983 mm	12.7 kg

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 43 - Stroke: 180 mm; Motor mounting: Right Side Motor; Motor power: 400 W	180 mm	443 mm	9.1 kg
Configuration 44 - Stroke: 1260 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1260 mm	1523 mm	16.3 kg
Configuration 45 - Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1020 mm	1283 mm	14 kg
Configuration 46 - Stroke: 300 mm; Motor mounting: Right Side Motor; Motor power: 750 W	300 mm	563 mm	9.9 kg
Configuration 47 - Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	360 mm	623 mm	9.6 kg
Configuration 48 - Stroke: 660 mm; Motor mounting: Right Side Motor; Motor power: 750 W	660 mm	923 mm	12.3 kg
Configuration 49 - Stroke: 1140 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1140 mm	1403 mm	15.5 kg
Configuration 50 - Stroke: 240 mm; Motor mounting: Right Side Motor; Motor power: 750 W	240 mm	503 mm	9.5 kg
Configuration 51 - Stroke: 600 mm; Motor mounting: Left Side Motor; Motor power: 400 W	600 mm	863 mm	11.9 kg
Configuration 52 - Stroke: 360 mm; Motor mounting: Right Side Motor; Motor power: 400 W	360 mm	623 mm	10.3 kg
Configuration 53 - Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	660 mm	923 mm	11.6 kg
Configuration 54 - Stroke: 840 mm; Motor mounting: Left Side Motor; Motor power: 750 W	840 mm	1103 mm	13.5 kg
Configuration 55 - Stroke: 300 mm; Motor mounting: Left Side Motor; Motor power: 750 W	300 mm	563 mm	9.9 kg
Configuration 56 - Stroke: 1020 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1020 mm	1283 mm	14.7 kg
Configuration 57 - Stroke: 1500 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1500 mm	1763 mm	17.9 kg
Configuration 58 - Stroke: 1380 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1380 mm	1643 mm	16.4 kg
Configuration 59 - Stroke: 60 mm; Motor mounting: Right Side Motor; Motor power: 400 W	60 mm	323 mm	8.3 kg
Configuration 60 - Stroke: 1440 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1440 mm	1703 mm	17.5 kg
Configuration 61 - Stroke: 1440 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1440 mm	1703 mm	16.8 kg
Configuration 62 - Stroke: 420 mm; Motor mounting: Left Side Motor; Motor power: 750 W	420 mm	683 mm	10.7 kg
Configuration 63 - Stroke: 1440 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1440 mm	1703 mm	17.5 kg
Configuration 64 - Stroke: 180 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	180 mm	443 mm	8.4 kg
Configuration 65 - Stroke: 1200 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1200 mm	1463 mm	15.9 kg
Configuration 66 - Stroke: 1320 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1320 mm	1583 mm	16 kg

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 67 - Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	420 mm	683 mm	10 kg
Configuration 68 - Stroke: 1320 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1320 mm	1583 mm	16 kg
Configuration 69 - Stroke: 1440 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1440 mm	1703 mm	17.5 kg
Configuration 70 - Stroke: 300 mm; Motor mounting: Right Side Motor; Motor power: 400 W	300 mm	563 mm	9.9 kg
Configuration 71 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1080 mm	1343 mm	14.4 kg
Configuration 72 - Stroke: 1500 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1500 mm	1763 mm	17.2 kg
Configuration 73 - Stroke: 840 mm; Motor mounting: Right Side Motor; Motor power: 750 W	840 mm	1103 mm	13.5 kg
Configuration 74 - Stroke: 840 mm; Motor mounting: Left Side Motor; Motor power: 400 W	840 mm	1103 mm	13.5 kg
Configuration 75 - Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	120 mm	383 mm	8 kg
Configuration 76 - Stroke: 360 mm; Motor mounting: Left Side Motor; Motor power: 750 W	360 mm	623 mm	10.3 kg
Configuration 77 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1080 mm	1343 mm	14.4 kg
Configuration 78 - Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	120 mm	383 mm	8 kg
Configuration 79 - Stroke: 1320 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1320 mm	1583 mm	16.7 kg
Configuration 80 - Stroke: 540 mm; Motor mounting: Right Side Motor; Motor power: 400 W	540 mm	803 mm	11.5 kg
Configuration 81 - Stroke: 1320 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1320 mm	1583 mm	16.7 kg
Configuration 82 - Stroke: 660 mm; Motor mounting: Left Side Motor; Motor power: 750 W	660 mm	923 mm	12.3 kg
Configuration 83 - Stroke: 300 mm; Motor mounting: Left Side Motor; Motor power: 400 W	300 mm	563 mm	9.9 kg
Configuration 84 - Stroke: 1140 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1140 mm	1403 mm	15.5 kg
Configuration 85 - Stroke: 420 mm; Motor mounting: Left Side Motor; Motor power: 400 W	420 mm	683 mm	10.7 kg
Configuration 86 - Stroke: 1080 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1080 mm	1343 mm	15.1 kg
Configuration 87 - Stroke: 1200 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1200 mm	1463 mm	15.9 kg
Configuration 88 - Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1020 mm	1283 mm	14 kg
Configuration 89 - Stroke: 420 mm; Motor mounting: Right Side Motor; Motor power: 750 W	420 mm	683 mm	10.7 kg
Configuration 90 - Stroke: 1320 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1320 mm	1583 mm	16.7 kg

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 91 - Stroke: 1080 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1080 mm	1343 mm	15.1 kg
Configuration 92 - Stroke: 540 mm; Motor mounting: Left Side Motor; Motor power: 400 W	540 mm	803 mm	11.5 kg
Configuration 93 - Stroke: 540 mm; Motor mounting: Right Side Motor; Motor power: 750 W	540 mm	803 mm	11.5 kg
Configuration 94 - Stroke: 60 mm; Motor mounting: Left Side Motor; Motor power: 400 W	60 mm	323 mm	8.3 kg
Configuration 95 - Stroke: 780 mm; Motor mounting: Right Side Motor; Motor power: 750 W	780 mm	1043 mm	13.1 kg
Configuration 96 - Stroke: 1140 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1140 mm	1403 mm	15.5 kg
Configuration 97 - Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	240 mm	503 mm	8.8 kg
Configuration 98 - Stroke: 960 mm; Motor mounting: Right Side Motor; Motor power: 400 W	960 mm	1223 mm	14.3 kg
Configuration 99 - Stroke: 900 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	900 mm	1163 mm	13.2 kg
Configuration 100 - Stroke: 960 mm; Motor mounting: Left Side Motor; Motor power: 400 W	960 mm	1223 mm	14.3 kg
Configuration 101 - Stroke: 1380 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1380 mm	1643 mm	17.1 kg
Configuration 102 - Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	480 mm	743 mm	10.4 kg
Configuration 103 - Stroke: 480 mm; Motor mounting: Left Side Motor; Motor power: 750 W	480 mm	743 mm	11.1 kg
Configuration 104 - Stroke: 960 mm; Motor mounting: Right Side Motor; Motor power: 750 W	960 mm	1223 mm	14.3 kg
Configuration 105 - Stroke: 1440 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1440 mm	1703 mm	16.8 kg
Configuration 106 - Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	60 mm	323 mm	7.6 kg
Configuration 107 - Stroke: 600 mm; Motor mounting: Right Side Motor; Motor power: 400 W	600 mm	863 mm	11.9 kg
Configuration 108 - Stroke: 1500 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1500 mm	1763 mm	17.9 kg
Configuration 109 - Stroke: 1260 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1260 mm	1523 mm	16.3 kg
Configuration 110 - Stroke: 480 mm; Motor mounting: Right Side Motor; Motor power: 400 W	480 mm	743 mm	11.1 kg
Configuration 111 - Stroke: 360 mm; Motor mounting: Right Side Motor; Motor power: 750 W	360 mm	623 mm	10.3 kg
Configuration 112 - Stroke: 180 mm; Motor mounting: Left Side Motor; Motor power: 750 W	180 mm	443 mm	9.1 kg
Configuration 113 - Stroke: 1380 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1380 mm	1643 mm	17.1 kg
Configuration 114 - Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	300 mm	563 mm	9.2 kg

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 115 - Stroke: 1260 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1260 mm	1523 mm	15.6 kg
Configuration 116 - Stroke: 1080 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1080 mm	1343 mm	15.1 kg
Configuration 117 - Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	720 mm	983 mm	12 kg
Configuration 118 - Stroke: 900 mm; Motor mounting: Left Side Motor; Motor power: 400 W	900 mm	1163 mm	13.9 kg
Configuration 119 - Stroke: 60 mm; Motor mounting: Left Side Motor; Motor power: 750 W	60 mm	323 mm	8.3 kg
Configuration 120 - Stroke: 1440 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1440 mm	1703 mm	17.5 kg
Configuration 121 - Stroke: 780 mm; Motor mounting: Left Side Motor; Motor power: 400 W	780 mm	1043 mm	13.1 kg
Configuration 122 - Stroke: 720 mm; Motor mounting: Left Side Motor; Motor power: 750 W	720 mm	983 mm	12.7 kg
Configuration 123 - Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	300 mm	563 mm	9.2 kg
Configuration 124 - Stroke: 900 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	900 mm	1163 mm	13.2 kg
Configuration 125 - Stroke: 840 mm; Motor mounting: Right Side Motor; Motor power: 400 W	840 mm	1103 mm	13.5 kg
Configuration 126 - Stroke: 900 mm; Motor mounting: Right Side Motor; Motor power: 400 W	900 mm	1163 mm	13.9 kg
Configuration 127 - Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	60 mm	323 mm	7.6 kg
Configuration 128 - Stroke: 720 mm; Motor mounting: Right Side Motor; Motor power: 400 W	720 mm	983 mm	12.7 kg
Configuration 129 - Stroke: 1020 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1020 mm	1283 mm	14.7 kg
Configuration 130 - Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	540 mm	803 mm	10.8 kg
Configuration 131 - Stroke: 1140 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1140 mm	1403 mm	15.5 kg
Configuration 132 - Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	540 mm	803 mm	10.8 kg
Configuration 133 - Stroke: 180 mm; Motor mounting: Left Side Motor; Motor power: 400 W	180 mm	443 mm	9.1 kg
Configuration 134 - Stroke: 1200 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1200 mm	1463 mm	15.9 kg
Configuration 135 - Stroke: 180 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	180 mm	443 mm	8.4 kg
Configuration 136 - Stroke: 1020 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1020 mm	1283 mm	14.7 kg
Configuration 137 - Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	660 mm	923 mm	11.6 kg
Configuration 138 - Stroke: 600 mm; Motor mounting: Left Side Motor; Motor power: 750 W	600 mm	863 mm	11.9 kg

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 139 – Stroke: 1320 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1320 mm	1583 mm	16.7 kg
Configuration 140 – Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	780 mm	1043 mm	12.4 kg
Configuration 141 – Stroke: 240 mm; Motor mounting: Left Side Motor; Motor power: 400 W	240 mm	503 mm	9.5 kg
Configuration 142 – Stroke: 660 mm; Motor mounting: Left Side Motor; Motor power: 400 W	660 mm	923 mm	12.3 kg
Configuration 143 – Stroke: 120 mm; Motor mounting: Left Side Motor; Motor power: 400 W	120 mm	383 mm	8.7 kg
Configuration 144 – Stroke: 60 mm; Motor mounting: Right Side Motor; Motor power: 750 W	60 mm	323 mm	8.3 kg
Configuration 145 – Stroke: 1260 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1260 mm	1523 mm	16.3 kg
Configuration 146 – Stroke: 480 mm; Motor mounting: Left Side Motor; Motor power: 400 W	480 mm	743 mm	11.1 kg
Configuration 147 – Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	600 mm	863 mm	11.2 kg
Configuration 148 – Stroke: 900 mm; Motor mounting: Right Side Motor; Motor power: 750 W	900 mm	1163 mm	13.9 kg
Configuration 149 – Stroke: 1200 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1200 mm	1463 mm	15.9 kg
Configuration 150 – Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	240 mm	503 mm	8.8 kg

Mounting and Drive Configuration

Mounting and Drive Configuration

CONFIGURATION	MOUNTING HOLE COUNT
Configuration 03 - Stroke: 600 mm; Motor mounting: Right Side Motor; Motor power: 750 W	28
Configuration 05 - Stroke: 1500 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	58
Configuration 06 - Stroke: 960 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	40
Configuration 07 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	36
Configuration 08 - Stroke: 660 mm; Motor mounting: Right Side Motor; Motor power: 400 W	30
Configuration 10 - Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	24
Configuration 12 - Stroke: 480 mm; Motor mounting: Right Side Motor; Motor power: 750 W	24
Configuration 13 - Stroke: 720 mm; Motor mounting: Right Side Motor; Motor power: 750 W	32
Configuration 14 - Stroke: 1260 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	50
Configuration 18 - Stroke: 120 mm; Motor mounting: Right Side Motor; Motor power: 750 W	12
Configuration 20 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	46
Configuration 21 - Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	34
Configuration 23 - Stroke: 1380 mm; Motor mounting: Right Side Motor; Motor power: 400 W	54
Configuration 24 - Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	28
Configuration 25 - Stroke: 1380 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	54
Configuration 26 - Stroke: 1200 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	48
Configuration 27 - Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	22
Configuration 28 - Stroke: 1200 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	48
Configuration 29 - Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	20
Configuration 30 - Stroke: 420 mm; Motor mounting: Right Side Motor; Motor power: 400 W	22

CONFIGURATION	MOUNTING HOLE COUNT
Configuration 32 - Stroke: 120 mm; Motor mounting: Right Side Motor; Motor power: 400 W	12
Configuration 33 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	36
Configuration 34 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	46
Configuration 35 - Stroke: 180 mm; Motor mounting: Right Side Motor; Motor power: 750 W	14
Configuration 36 - Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	32
Configuration 37 - Stroke: 960 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	40
Configuration 40 - Stroke: 240 mm; Motor mounting: Right Side Motor; Motor power: 400 W	16
Configuration 41 - Stroke: 780 mm; Motor mounting: Right Side Motor; Motor power: 400 W	34
Configuration 43 - Stroke: 180 mm; Motor mounting: Right Side Motor; Motor power: 400 W	14
Configuration 44 - Stroke: 1260 mm; Motor mounting: Right Side Motor; Motor power: 750 W	50
Configuration 45 - Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	42
Configuration 46 - Stroke: 300 mm; Motor mounting: Right Side Motor; Motor power: 750 W	18
Configuration 47 - Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	20
Configuration 48 - Stroke: 660 mm; Motor mounting: Right Side Motor; Motor power: 750 W	30
Configuration 49 - Stroke: 1140 mm; Motor mounting: Right Side Motor; Motor power: 400 W	46
Configuration 50 - Stroke: 240 mm; Motor mounting: Right Side Motor; Motor power: 750 W	16
Configuration 52 - Stroke: 360 mm; Motor mounting: Right Side Motor; Motor power: 400 W	20
Configuration 53 - Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	30
Configuration 56 - Stroke: 1020 mm; Motor mounting: Right Side Motor; Motor power: 400 W	42
Configuration 57 - Stroke: 1500 mm; Motor mounting: Right Side Motor; Motor power: 400 W	58
Configuration 58 - Stroke: 1380 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	54
Configuration 59 - Stroke: 60 mm; Motor mounting: Right Side Motor; Motor power: 400 W	10
Configuration 61 - Stroke: 1440 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	56
Configuration 63 - Stroke: 1440 mm; Motor mounting: Right Side Motor; Motor power: 400 W	56

CONFIGURATION	MOUNTING HOLE COUNT
Configuration 64 - Stroke: 180 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	14
Configuration 66 - Stroke: 1320 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	52
Configuration 67 - Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	22
Configuration 68 - Stroke: 1320 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	52
Configuration 70 - Stroke: 300 mm; Motor mounting: Right Side Motor; Motor power: 400 W	18
Configuration 71 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	44
Configuration 72 - Stroke: 1500 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	58
Configuration 73 - Stroke: 840 mm; Motor mounting: Right Side Motor; Motor power: 750 W	36
Configuration 75 - Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	12
Configuration 77 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	44
Configuration 78 - Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	12
Configuration 79 - Stroke: 1320 mm; Motor mounting: Right Side Motor; Motor power: 400 W	52
Configuration 80 - Stroke: 540 mm; Motor mounting: Right Side Motor; Motor power: 400 W	26
Configuration 86 - Stroke: 1080 mm; Motor mounting: Right Side Motor; Motor power: 400 W	44
Configuration 88 - Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	42
Configuration 89 - Stroke: 420 mm; Motor mounting: Right Side Motor; Motor power: 750 W	22
Configuration 90 - Stroke: 1320 mm; Motor mounting: Right Side Motor; Motor power: 750 W	52
Configuration 93 - Stroke: 540 mm; Motor mounting: Right Side Motor; Motor power: 750 W	26
Configuration 95 - Stroke: 780 mm; Motor mounting: Right Side Motor; Motor power: 750 W	34
Configuration 97 - Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	16
Configuration 98 - Stroke: 960 mm; Motor mounting: Right Side Motor; Motor power: 400 W	40
Configuration 99 - Stroke: 900 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	38
Configuration 101 - Stroke: 1380 mm; Motor mounting: Right Side Motor; Motor power: 750 W	54
Configuration 102 - Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	24

CONFIGURATION	MOUNTING HOLE COUNT
Configuration 104 – Stroke: 960 mm; Motor mounting: Right Side Motor; Motor power: 750 W	40
Configuration 105 – Stroke: 1440 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	56
Configuration 106 – Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	10
Configuration 107 – Stroke: 600 mm; Motor mounting: Right Side Motor; Motor power: 400 W	28
Configuration 108 – Stroke: 1500 mm; Motor mounting: Right Side Motor; Motor power: 750 W	58
Configuration 109 – Stroke: 1260 mm; Motor mounting: Right Side Motor; Motor power: 400 W	50
Configuration 110 – Stroke: 480 mm; Motor mounting: Right Side Motor; Motor power: 400 W	24
Configuration 111 – Stroke: 360 mm; Motor mounting: Right Side Motor; Motor power: 750 W	20
Configuration 114 – Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	18
Configuration 115 – Stroke: 1260 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	50
Configuration 116 – Stroke: 1080 mm; Motor mounting: Right Side Motor; Motor power: 750 W	44
Configuration 117 – Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	32
Configuration 120 – Stroke: 1440 mm; Motor mounting: Right Side Motor; Motor power: 750 W	56
Configuration 123 – Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	18
Configuration 124 – Stroke: 900 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	38
Configuration 125 – Stroke: 840 mm; Motor mounting: Right Side Motor; Motor power: 400 W	36
Configuration 126 – Stroke: 900 mm; Motor mounting: Right Side Motor; Motor power: 400 W	38
Configuration 127 – Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	10
Configuration 128 – Stroke: 720 mm; Motor mounting: Right Side Motor; Motor power: 400 W	32
Configuration 129 – Stroke: 1020 mm; Motor mounting: Right Side Motor; Motor power: 750 W	42
Configuration 130 – Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	26
Configuration 131 – Stroke: 1140 mm; Motor mounting: Right Side Motor; Motor power: 750 W	46
Configuration 132 – Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	26
Configuration 134 – Stroke: 1200 mm; Motor mounting: Right Side Motor; Motor power: 750 W	48

CONFIGURATION	MOUNTING HOLE COUNT
Configuration 135 - Stroke: 180 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	14
Configuration 137 - Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	30
Configuration 140 - Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	34
Configuration 144 - Stroke: 60 mm; Motor mounting: Right Side Motor; Motor power: 750 W	10
Configuration 147 - Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	28
Configuration 148 - Stroke: 900 mm; Motor mounting: Right Side Motor; Motor power: 750 W	38
Configuration 149 - Stroke: 1200 mm; Motor mounting: Right Side Motor; Motor power: 400 W	48
Configuration 150 - Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	16

Motor Interface Configuration

Motor Interface Configuration

CONFIGURATION	MOTOR MOUNTING STYLE	CONFIGURED MOTOR POWER
Configuration 01 - Stroke: 540 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 02 - Stroke: 960 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 03 - Stroke: 600 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 04 - Stroke: 1380 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 05 - Stroke: 1500 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 06 - Stroke: 960 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 07 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 08 - Stroke: 660 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 09 - Stroke: 1500 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 10 - Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 11 - Stroke: 900 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 12 - Stroke: 480 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 13 - Stroke: 720 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 14 - Stroke: 1260 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 15 - Stroke: 1020 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 16 - Stroke: 240 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 17 - Stroke: 1260 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 18 - Stroke: 120 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 19 - Stroke: 1500 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 20 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W

CONFIGURATION	MOTOR MOUNTING STYLE	CONFIGURED MOTOR POWER
Configuration 21 - Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 22 - Stroke: 780 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 23 - Stroke: 1380 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 24 - Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 25 - Stroke: 1380 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 26 - Stroke: 1200 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 27 - Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 28 - Stroke: 1200 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 29 - Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 30 - Stroke: 420 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: 750 W	Left Side Motor	750 W
Configuration 32 - Stroke: 120 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 33 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 34 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 35 - Stroke: 180 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 36 - Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 37 - Stroke: 960 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 38 - Stroke: 360 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 39 - Stroke: 120 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 40 - Stroke: 240 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 41 - Stroke: 780 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 42 - Stroke: 720 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 43 - Stroke: 180 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 44 - Stroke: 1260 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W

CONFIGURATION	MOTOR MOUNTING STYLE	CONFIGURED MOTOR POWER
Configuration 45 - Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 46 - Stroke: 300 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 47 - Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 48 - Stroke: 660 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 49 - Stroke: 1140 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 50 - Stroke: 240 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 51 - Stroke: 600 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 52 - Stroke: 360 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 53 - Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 54 - Stroke: 840 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 55 - Stroke: 300 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 56 - Stroke: 1020 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 57 - Stroke: 1500 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 58 - Stroke: 1380 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 59 - Stroke: 60 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 60 - Stroke: 1440 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 61 - Stroke: 1440 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 62 - Stroke: 420 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 63 - Stroke: 1440 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 64 - Stroke: 180 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 65 - Stroke: 1200 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 66 - Stroke: 1320 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 67 - Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 68 - Stroke: 1320 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W

CONFIGURATION	MOTOR MOUNTING STYLE	CONFIGURED MOTOR POWER
Configuration 69 - Stroke: 1440 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 70 - Stroke: 300 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 71 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 72 - Stroke: 1500 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 73 - Stroke: 840 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 74 - Stroke: 840 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 75 - Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 76 - Stroke: 360 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 77 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 78 - Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 79 - Stroke: 1320 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 80 - Stroke: 540 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 81 - Stroke: 1320 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 82 - Stroke: 660 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 83 - Stroke: 300 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 84 - Stroke: 1140 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 85 - Stroke: 420 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 86 - Stroke: 1080 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 87 - Stroke: 1200 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 88 - Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 89 - Stroke: 420 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 90 - Stroke: 1320 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 91 - Stroke: 1080 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 92 - Stroke: 540 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W

CONFIGURATION	MOTOR MOUNTING STYLE	CONFIGURED MOTOR POWER
Configuration 93 - Stroke: 540 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 94 - Stroke: 60 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 95 - Stroke: 780 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 96 - Stroke: 1140 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 97 - Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 98 - Stroke: 960 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 99 - Stroke: 900 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 100 - Stroke: 960 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 101 - Stroke: 1380 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 102 - Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 103 - Stroke: 480 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 104 - Stroke: 960 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 105 - Stroke: 1440 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 106 - Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 107 - Stroke: 600 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 108 - Stroke: 1500 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 109 - Stroke: 1260 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 110 - Stroke: 480 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 111 - Stroke: 360 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 112 - Stroke: 180 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 113 - Stroke: 1380 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 114 - Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 115 - Stroke: 1260 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 116 - Stroke: 1080 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W

CONFIGURATION	MOTOR MOUNTING STYLE	CONFIGURED MOTOR POWER
Configuration 117 - Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 118 - Stroke: 900 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 119 - Stroke: 60 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 120 - Stroke: 1440 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 121 - Stroke: 780 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 122 - Stroke: 720 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 123 - Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 124 - Stroke: 900 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 125 - Stroke: 840 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 126 - Stroke: 900 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 127 - Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 128 - Stroke: 720 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 129 - Stroke: 1020 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 130 - Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 131 - Stroke: 1140 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 132 - Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 133 - Stroke: 180 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 134 - Stroke: 1200 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 135 - Stroke: 180 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 136 - Stroke: 1020 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 137 - Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 138 - Stroke: 600 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 139 - Stroke: 1320 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 140 - Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W

CONFIGURATION	MOTOR MOUNTING STYLE	CONFIGURED MOTOR POWER
Configuration 141 - Stroke: 240 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 142 - Stroke: 660 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 143 - Stroke: 120 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 144 - Stroke: 60 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 145 - Stroke: 1260 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 146 - Stroke: 480 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 147 - Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 148 - Stroke: 900 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 149 - Stroke: 1200 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 150 - Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W

Overall Dimensions and Mounting Interface

PARAMETER	VALUE	UNIT
Ball Screw Diameter	20	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-P07 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.