

ENGINEERING DOCUMENTATION

Ball Screw Linear Module Engineering Configuration

Dimensional & Integration Guide

DOCUMENT	REVISION / ISSUE	STATUS
DIG-ES-LA-S01-P08	DRAFT-08 / 29 Aug 2026	Engineering Integration Reference

Integration Overview

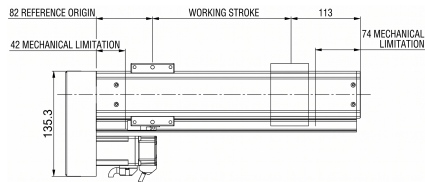
Exact ball-screw linear-module configuration for guided linear motion in automation equipment. This guide supports dimensional layout, mounting, load-path , motor and coupling integration, cable and sensor clearance, maintenance and commissioning for ES-LA-S01-P08.

Key Integration Facts

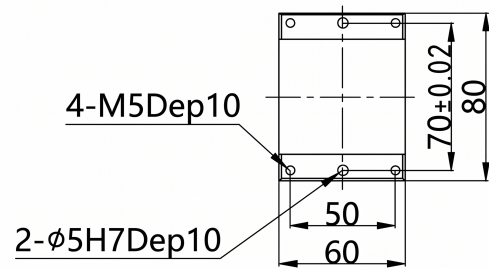
INTEGRATION ITEM	VALUE
Working Stroke	Configuration-dependent (150 records)
Overall Length	
Module Mass	
Mounting Hole Count	Configuration-dependent (100 records)
Motor Mounting Style	Configuration-dependent (150 records)
Configured Motor Power	

Product Structure & Views

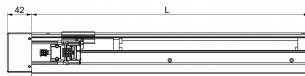
These views present the selected product structure, mounting interfaces and relevant integration geometry for this configuration.



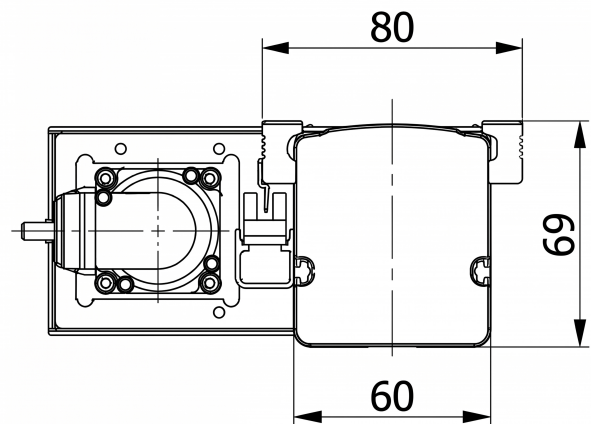
Mechanical View 1



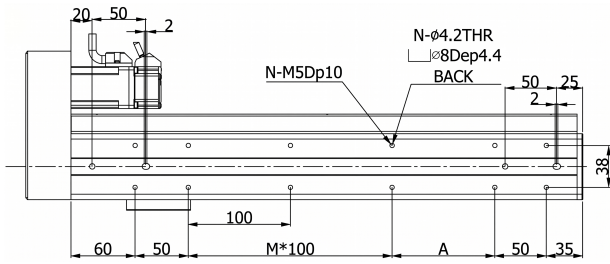
Standard Sliding rack



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-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: 1320 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1320 mm	1659 mm	28.2 kg
Configuration 02 - Stroke: 1080 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1080 mm	1419 mm	25.8 kg
Configuration 03 - Stroke: 1440 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1440 mm	1779 mm	28.7 kg
Configuration 04 - Stroke: 780 mm; Motor mounting: Left Side Motor; Motor power: 400 W	780 mm	1119 mm	22.8 kg
Configuration 05 - Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	780 mm	1119 mm	22.1 kg
Configuration 06 - Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	420 mm	759 mm	18.5 kg
Configuration 07 - Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	300 mm	639 mm	17.3 kg
Configuration 08 - Stroke: 1200 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1200 mm	1539 mm	27 kg
Configuration 09 - Stroke: 720 mm; Motor mounting: Right Side Motor; Motor power: 750 W	720 mm	1059 mm	22.2 kg
Configuration 10 - Stroke: 960 mm; Motor mounting: Left Side Motor; Motor power: 400 W	960 mm	1299 mm	24.6 kg
Configuration 11 - Stroke: 840 mm; Motor mounting: Left Side Motor; Motor power: 750 W	840 mm	1179 mm	23.4 kg
Configuration 12 - Stroke: 360 mm; Motor mounting: Right Side Motor; Motor power: 400 W	360 mm	699 mm	18.6 kg
Configuration 13 - Stroke: 1320 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1320 mm	1659 mm	28.2 kg
Configuration 14 - Stroke: 900 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	900 mm	1239 mm	23.3 kg
Configuration 15 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	840 mm	1179 mm	22.7 kg
Configuration 16 - Stroke: 120 mm; Motor mounting: Left Side Motor; Motor power: 400 W	120 mm	459 mm	16.2 kg
Configuration 17 - Stroke: 1500 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1500 mm	1839 mm	30 kg
Configuration 18 - Stroke: 240 mm; Motor mounting: Right Side Motor; Motor power: 750 W	240 mm	579 mm	17.4 kg

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 19 - Stroke: 1440 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1440 mm	1779 mm	29.4 kg
Configuration 20 - Stroke: 960 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	960 mm	1299 mm	23.9 kg
Configuration 21 - Stroke: 300 mm; Motor mounting: Left Side Motor; Motor power: 750 W	300 mm	639 mm	18 kg
Configuration 22 - Stroke: 1500 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1500 mm	1839 mm	29.3 kg
Configuration 23 - Stroke: 300 mm; Motor mounting: Left Side Motor; Motor power: 400 W	300 mm	639 mm	18 kg
Configuration 24 - Stroke: 180 mm; Motor mounting: Right Side Motor; Motor power: 400 W	180 mm	519 mm	16.8 kg
Configuration 25 - Stroke: 1440 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1440 mm	1779 mm	29.4 kg
Configuration 26 - Stroke: 600 mm; Motor mounting: Left Side Motor; Motor power: 750 W	600 mm	939 mm	21 kg
Configuration 27 - Stroke: 1440 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1440 mm	1779 mm	29.4 kg
Configuration 28 - Stroke: 900 mm; Motor mounting: Right Side Motor; Motor power: 400 W	900 mm	1239 mm	24 kg
Configuration 29 - Stroke: 300 mm; Motor mounting: Right Side Motor; Motor power: 400 W	300 mm	639 mm	18 kg
Configuration 30 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1080 mm	1419 mm	25.1 kg
Configuration 31 - Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	540 mm	879 mm	19.7 kg
Configuration 32 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1140 mm	1479 mm	25.7 kg
Configuration 33 - Stroke: 240 mm; Motor mounting: Right Side Motor; Motor power: 400 W	240 mm	579 mm	17.4 kg
Configuration 34 - Stroke: 1500 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1500 mm	1839 mm	30 kg
Configuration 35 - Stroke: 720 mm; Motor mounting: Left Side Motor; Motor power: 750 W	720 mm	1059 mm	22.2 kg
Configuration 36 - Stroke: 420 mm; Motor mounting: Right Side Motor; Motor power: 400 W	420 mm	759 mm	19.2 kg
Configuration 37 - Stroke: 180 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	180 mm	519 mm	16.1 kg
Configuration 38 - Stroke: 360 mm; Motor mounting: Left Side Motor; Motor power: 750 W	360 mm	699 mm	18.6 kg
Configuration 39 - Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	240 mm	579 mm	16.7 kg
Configuration 40 - Stroke: 1440 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1440 mm	1779 mm	29.4 kg
Configuration 41 - Stroke: 1260 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1260 mm	1599 mm	27.6 kg
Configuration 42 - Stroke: 1260 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1260 mm	1599 mm	27.6 kg

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 43 - Stroke: 840 mm; Motor mounting: Right Side Motor; Motor power: 400 W	840 mm	1179 mm	23.4 kg
Configuration 44 - Stroke: 480 mm; Motor mounting: Left Side Motor; Motor power: 400 W	480 mm	819 mm	19.8 kg
Configuration 45 - Stroke: 1020 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1020 mm	1359 mm	25.2 kg
Configuration 46 - Stroke: 1200 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1200 mm	1539 mm	27 kg
Configuration 47 - Stroke: 780 mm; Motor mounting: Left Side Motor; Motor power: 750 W	780 mm	1119 mm	22.8 kg
Configuration 48 - Stroke: 180 mm; Motor mounting: Right Side Motor; Motor power: 750 W	180 mm	519 mm	16.8 kg
Configuration 49 - Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	360 mm	699 mm	17.9 kg
Configuration 50 - Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	720 mm	1059 mm	21.5 kg
Configuration 51 - Stroke: 60 mm; Motor mounting: Right Side Motor; Motor power: 750 W	60 mm	399 mm	15.6 kg
Configuration 52 - Stroke: 1140 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1140 mm	1479 mm	26.4 kg
Configuration 53 - Stroke: 1140 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1140 mm	1479 mm	26.4 kg
Configuration 54 - Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	240 mm	579 mm	16.7 kg
Configuration 55 - Stroke: 360 mm; Motor mounting: Right Side Motor; Motor power: 750 W	360 mm	699 mm	18.6 kg
Configuration 56 - Stroke: 1500 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1500 mm	1839 mm	30 kg
Configuration 57 - Stroke: 1080 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1080 mm	1419 mm	25.8 kg
Configuration 58 - Stroke: 1260 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1260 mm	1599 mm	26.9 kg
Configuration 59 - Stroke: 300 mm; Motor mounting: Right Side Motor; Motor power: 750 W	300 mm	639 mm	18 kg
Configuration 60 - Stroke: 60 mm; Motor mounting: Right Side Motor; Motor power: 400 W	60 mm	399 mm	15.6 kg
Configuration 61 - Stroke: 1200 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1200 mm	1539 mm	27 kg
Configuration 62 - Stroke: 540 mm; Motor mounting: Left Side Motor; Motor power: 400 W	540 mm	879 mm	20.4 kg
Configuration 63 - Stroke: 900 mm; Motor mounting: Left Side Motor; Motor power: 750 W	900 mm	1239 mm	24 kg
Configuration 64 - Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	60 mm	399 mm	14.9 kg
Configuration 65 - Stroke: 540 mm; Motor mounting: Right Side Motor; Motor power: 400 W	540 mm	879 mm	20.4 kg
Configuration 66 - Stroke: 1260 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1260 mm	1599 mm	27.6 kg

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 67 - Stroke: 1080 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1080 mm	1419 mm	25.8 kg
Configuration 68 - Stroke: 180 mm; Motor mounting: Left Side Motor; Motor power: 750 W	180 mm	519 mm	16.8 kg
Configuration 69 - Stroke: 720 mm; Motor mounting: Right Side Motor; Motor power: 400 W	720 mm	1059 mm	22.2 kg
Configuration 70 - Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	300 mm	639 mm	17.3 kg
Configuration 71 - Stroke: 780 mm; Motor mounting: Right Side Motor; Motor power: 400 W	780 mm	1119 mm	22.8 kg
Configuration 72 - Stroke: 960 mm; Motor mounting: Right Side Motor; Motor power: 400 W	960 mm	1299 mm	24.6 kg
Configuration 73 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1140 mm	1479 mm	25.7 kg
Configuration 74 - Stroke: 600 mm; Motor mounting: Right Side Motor; Motor power: 750 W	600 mm	939 mm	21 kg
Configuration 75 - Stroke: 1320 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1320 mm	1659 mm	27.5 kg
Configuration 76 - Stroke: 1380 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1380 mm	1719 mm	28.1 kg
Configuration 77 - Stroke: 720 mm; Motor mounting: Left Side Motor; Motor power: 400 W	720 mm	1059 mm	22.2 kg
Configuration 78 - Stroke: 1440 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1440 mm	1779 mm	28.7 kg
Configuration 79 - Stroke: 1380 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1380 mm	1719 mm	28.8 kg
Configuration 80 - Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	600 mm	939 mm	20.3 kg
Configuration 81 - Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	540 mm	879 mm	19.7 kg
Configuration 82 - Stroke: 1380 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1380 mm	1719 mm	28.1 kg
Configuration 83 - Stroke: 540 mm; Motor mounting: Right Side Motor; Motor power: 750 W	540 mm	879 mm	20.4 kg
Configuration 84 - Stroke: 1200 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1200 mm	1539 mm	26.3 kg
Configuration 85 - Stroke: 660 mm; Motor mounting: Right Side Motor; Motor power: 400 W	660 mm	999 mm	21.6 kg
Configuration 86 - Stroke: 1320 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1320 mm	1659 mm	28.2 kg
Configuration 87 - Stroke: 1260 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1260 mm	1599 mm	26.9 kg
Configuration 88 - Stroke: 420 mm; Motor mounting: Right Side Motor; Motor power: 750 W	420 mm	759 mm	19.2 kg
Configuration 89 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1080 mm	1419 mm	25.1 kg
Configuration 90 - Stroke: 180 mm; Motor mounting: Left Side Motor; Motor power: 400 W	180 mm	519 mm	16.8 kg

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 91 - Stroke: 1260 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1260 mm	1599 mm	27.6 kg
Configuration 92 - Stroke: 1020 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1020 mm	1359 mm	25.2 kg
Configuration 93 - Stroke: 840 mm; Motor mounting: Right Side Motor; Motor power: 750 W	840 mm	1179 mm	23.4 kg
Configuration 94 - Stroke: 240 mm; Motor mounting: Left Side Motor; Motor power: 750 W	240 mm	579 mm	17.4 kg
Configuration 95 - Stroke: 660 mm; Motor mounting: Right Side Motor; Motor power: 750 W	660 mm	999 mm	21.6 kg
Configuration 96 - Stroke: 120 mm; Motor mounting: Left Side Motor; Motor power: 750 W	120 mm	459 mm	16.2 kg
Configuration 97 - Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	60 mm	399 mm	14.9 kg
Configuration 98 - Stroke: 660 mm; Motor mounting: Left Side Motor; Motor power: 750 W	660 mm	999 mm	21.6 kg
Configuration 99 - Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	120 mm	459 mm	15.5 kg
Configuration 100 - Stroke: 540 mm; Motor mounting: Left Side Motor; Motor power: 750 W	540 mm	879 mm	20.4 kg
Configuration 101 - Stroke: 1020 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1020 mm	1359 mm	25.2 kg
Configuration 102 - Stroke: 240 mm; Motor mounting: Left Side Motor; Motor power: 400 W	240 mm	579 mm	17.4 kg
Configuration 103 - Stroke: 660 mm; Motor mounting: Left Side Motor; Motor power: 400 W	660 mm	999 mm	21.6 kg
Configuration 104 - Stroke: 600 mm; Motor mounting: Right Side Motor; Motor power: 400 W	600 mm	939 mm	21 kg
Configuration 105 - Stroke: 480 mm; Motor mounting: Left Side Motor; Motor power: 750 W	480 mm	819 mm	19.8 kg
Configuration 106 - Stroke: 1500 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1500 mm	1839 mm	29.3 kg
Configuration 107 - Stroke: 1380 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1380 mm	1719 mm	28.8 kg
Configuration 108 - Stroke: 1020 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1020 mm	1359 mm	25.2 kg
Configuration 109 - Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	720 mm	1059 mm	21.5 kg
Configuration 110 - Stroke: 1140 mm; Motor mounting: Left Side Motor; Motor power: 750 W	1140 mm	1479 mm	26.4 kg
Configuration 111 - Stroke: 120 mm; Motor mounting: Right Side Motor; Motor power: 400 W	120 mm	459 mm	16.2 kg
Configuration 112 - Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	480 mm	819 mm	19.1 kg
Configuration 113 - Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	780 mm	1119 mm	22.1 kg
Configuration 114 - Stroke: 1320 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1320 mm	1659 mm	27.5 kg

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 115 – Stroke: 420 mm; Motor mounting: Left Side Motor; Motor power: 750 W	420 mm	759 mm	19.2 kg
Configuration 116 – Stroke: 180 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	180 mm	519 mm	16.1 kg
Configuration 117 – Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	600 mm	939 mm	20.3 kg
Configuration 118 – Stroke: 420 mm; Motor mounting: Left Side Motor; Motor power: 400 W	420 mm	759 mm	19.2 kg
Configuration 119 – Stroke: 60 mm; Motor mounting: Left Side Motor; Motor power: 400 W	60 mm	399 mm	15.6 kg
Configuration 120 – Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	120 mm	459 mm	15.5 kg
Configuration 121 – Stroke: 960 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	960 mm	1299 mm	23.9 kg
Configuration 122 – Stroke: 1380 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1380 mm	1719 mm	28.8 kg
Configuration 123 – Stroke: 900 mm; Motor mounting: Right Side Motor; Motor power: 750 W	900 mm	1239 mm	24 kg
Configuration 124 – Stroke: 960 mm; Motor mounting: Left Side Motor; Motor power: 750 W	960 mm	1299 mm	24.6 kg
Configuration 125 – Stroke: 1320 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1320 mm	1659 mm	28.2 kg
Configuration 126 – Stroke: 840 mm; Motor mounting: Left Side Motor; Motor power: 400 W	840 mm	1179 mm	23.4 kg
Configuration 127 – Stroke: 480 mm; Motor mounting: Right Side Motor; Motor power: 750 W	480 mm	819 mm	19.8 kg
Configuration 128 – Stroke: 360 mm; Motor mounting: Left Side Motor; Motor power: 400 W	360 mm	699 mm	18.6 kg
Configuration 129 – Stroke: 960 mm; Motor mounting: Right Side Motor; Motor power: 750 W	960 mm	1299 mm	24.6 kg
Configuration 130 – Stroke: 1380 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1380 mm	1719 mm	28.8 kg
Configuration 131 – Stroke: 900 mm; Motor mounting: Left Side Motor; Motor power: 400 W	900 mm	1239 mm	24 kg
Configuration 132 – Stroke: 1200 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1200 mm	1539 mm	26.3 kg
Configuration 133 – Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	420 mm	759 mm	18.5 kg
Configuration 134 – Stroke: 60 mm; Motor mounting: Left Side Motor; Motor power: 750 W	60 mm	399 mm	15.6 kg
Configuration 135 – Stroke: 1140 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1140 mm	1479 mm	26.4 kg
Configuration 136 – Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	1020 mm	1359 mm	24.5 kg
Configuration 137 – Stroke: 1200 mm; Motor mounting: Right Side Motor; Motor power: 750 W	1200 mm	1539 mm	27 kg
Configuration 138 – Stroke: 1500 mm; Motor mounting: Left Side Motor; Motor power: 400 W	1500 mm	1839 mm	30 kg

CONFIGURATION	WORKING STROKE	OVERALL LENGTH	MODULE MASS
Configuration 139 - Stroke: 120 mm; Motor mounting: Right Side Motor; Motor power: 750 W	120 mm	459 mm	16.2 kg
Configuration 140 - Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	360 mm	699 mm	17.9 kg
Configuration 141 - Stroke: 1080 mm; Motor mounting: Right Side Motor; Motor power: 400 W	1080 mm	1419 mm	25.8 kg
Configuration 142 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	840 mm	1179 mm	22.7 kg
Configuration 143 - Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	660 mm	999 mm	20.9 kg
Configuration 144 - Stroke: 780 mm; Motor mounting: Right Side Motor; Motor power: 750 W	780 mm	1119 mm	22.8 kg
Configuration 145 - Stroke: 480 mm; Motor mounting: Right Side Motor; Motor power: 400 W	480 mm	819 mm	19.8 kg
Configuration 146 - Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	480 mm	819 mm	19.1 kg
Configuration 147 - Stroke: 600 mm; Motor mounting: Left Side Motor; Motor power: 400 W	600 mm	939 mm	21 kg
Configuration 148 - Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	660 mm	999 mm	20.9 kg
Configuration 149 - Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	1020 mm	1359 mm	24.5 kg
Configuration 150 - Stroke: 900 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	900 mm	1239 mm	23.3 kg

Mounting and Drive Configuration

Mounting and Drive Configuration

CONFIGURATION	MOUNTING HOLE COUNT
Configuration 03 - Stroke: 1440 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	58
Configuration 04 - Stroke: 780 mm; Motor mounting: Left Side Motor; Motor power: 400 W	36
Configuration 05 - Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	36
Configuration 06 - Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	24
Configuration 07 - Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	20
Configuration 08 - Stroke: 1200 mm; Motor mounting: Left Side Motor; Motor power: 750 W	50
Configuration 10 - Stroke: 960 mm; Motor mounting: Left Side Motor; Motor power: 400 W	42
Configuration 11 - Stroke: 840 mm; Motor mounting: Left Side Motor; Motor power: 750 W	38
Configuration 14 - Stroke: 900 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	40
Configuration 15 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	38
Configuration 16 - Stroke: 120 mm; Motor mounting: Left Side Motor; Motor power: 400 W	14
Configuration 20 - Stroke: 960 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	42
Configuration 21 - Stroke: 300 mm; Motor mounting: Left Side Motor; Motor power: 750 W	20
Configuration 22 - Stroke: 1500 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	60
Configuration 23 - Stroke: 300 mm; Motor mounting: Left Side Motor; Motor power: 400 W	20
Configuration 26 - Stroke: 600 mm; Motor mounting: Left Side Motor; Motor power: 750 W	30
Configuration 27 - Stroke: 1440 mm; Motor mounting: Left Side Motor; Motor power: 400 W	58
Configuration 30 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	46
Configuration 31 - Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	28
Configuration 32 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	48

CONFIGURATION	MOUNTING HOLE COUNT
Configuration 35 - Stroke: 720 mm; Motor mounting: Left Side Motor; Motor power: 750 W	34
Configuration 37 - Stroke: 180 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	16
Configuration 38 - Stroke: 360 mm; Motor mounting: Left Side Motor; Motor power: 750 W	22
Configuration 39 - Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	18
Configuration 40 - Stroke: 1440 mm; Motor mounting: Left Side Motor; Motor power: 750 W	58
Configuration 41 - Stroke: 1260 mm; Motor mounting: Left Side Motor; Motor power: 750 W	52
Configuration 44 - Stroke: 480 mm; Motor mounting: Left Side Motor; Motor power: 400 W	26
Configuration 45 - Stroke: 1020 mm; Motor mounting: Left Side Motor; Motor power: 750 W	44
Configuration 47 - Stroke: 780 mm; Motor mounting: Left Side Motor; Motor power: 750 W	36
Configuration 49 - Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	22
Configuration 50 - Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	34
Configuration 53 - Stroke: 1140 mm; Motor mounting: Left Side Motor; Motor power: 400 W	48
Configuration 54 - Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	18
Configuration 56 - Stroke: 1500 mm; Motor mounting: Left Side Motor; Motor power: 750 W	60
Configuration 57 - Stroke: 1080 mm; Motor mounting: Left Side Motor; Motor power: 400 W	46
Configuration 58 - Stroke: 1260 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	52
Configuration 61 - Stroke: 1200 mm; Motor mounting: Left Side Motor; Motor power: 400 W	50
Configuration 62 - Stroke: 540 mm; Motor mounting: Left Side Motor; Motor power: 400 W	28
Configuration 63 - Stroke: 900 mm; Motor mounting: Left Side Motor; Motor power: 750 W	40
Configuration 64 - Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	12
Configuration 66 - Stroke: 1260 mm; Motor mounting: Left Side Motor; Motor power: 400 W	52
Configuration 67 - Stroke: 1080 mm; Motor mounting: Left Side Motor; Motor power: 750 W	46
Configuration 68 - Stroke: 180 mm; Motor mounting: Left Side Motor; Motor power: 750 W	16
Configuration 70 - Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	20

CONFIGURATION	MOUNTING HOLE COUNT
Configuration 73 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	48
Configuration 75 - Stroke: 1320 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	54
Configuration 76 - Stroke: 1380 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	56
Configuration 77 - Stroke: 720 mm; Motor mounting: Left Side Motor; Motor power: 400 W	34
Configuration 78 - Stroke: 1440 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	58
Configuration 79 - Stroke: 1380 mm; Motor mounting: Left Side Motor; Motor power: 400 W	56
Configuration 80 - Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	30
Configuration 81 - Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	28
Configuration 82 - Stroke: 1380 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	56
Configuration 84 - Stroke: 1200 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	50
Configuration 86 - Stroke: 1320 mm; Motor mounting: Left Side Motor; Motor power: 750 W	54
Configuration 87 - Stroke: 1260 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	52
Configuration 89 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	46
Configuration 90 - Stroke: 180 mm; Motor mounting: Left Side Motor; Motor power: 400 W	16
Configuration 94 - Stroke: 240 mm; Motor mounting: Left Side Motor; Motor power: 750 W	18
Configuration 96 - Stroke: 120 mm; Motor mounting: Left Side Motor; Motor power: 750 W	14
Configuration 97 - Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	12
Configuration 98 - Stroke: 660 mm; Motor mounting: Left Side Motor; Motor power: 750 W	32
Configuration 99 - Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	14
Configuration 100 - Stroke: 540 mm; Motor mounting: Left Side Motor; Motor power: 750 W	28
Configuration 102 - Stroke: 240 mm; Motor mounting: Left Side Motor; Motor power: 400 W	18
Configuration 103 - Stroke: 660 mm; Motor mounting: Left Side Motor; Motor power: 400 W	32
Configuration 105 - Stroke: 480 mm; Motor mounting: Left Side Motor; Motor power: 750 W	26
Configuration 106 - Stroke: 1500 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	60

CONFIGURATION	MOUNTING HOLE COUNT
Configuration 107 - Stroke: 1380 mm; Motor mounting: Left Side Motor; Motor power: 750 W	56
Configuration 108 - Stroke: 1020 mm; Motor mounting: Left Side Motor; Motor power: 400 W	44
Configuration 109 - Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	34
Configuration 110 - Stroke: 1140 mm; Motor mounting: Left Side Motor; Motor power: 750 W	48
Configuration 112 - Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	26
Configuration 113 - Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	36
Configuration 114 - Stroke: 1320 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	54
Configuration 115 - Stroke: 420 mm; Motor mounting: Left Side Motor; Motor power: 750 W	24
Configuration 116 - Stroke: 180 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	16
Configuration 117 - Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	30
Configuration 118 - Stroke: 420 mm; Motor mounting: Left Side Motor; Motor power: 400 W	24
Configuration 119 - Stroke: 60 mm; Motor mounting: Left Side Motor; Motor power: 400 W	12
Configuration 120 - Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	14
Configuration 121 - Stroke: 960 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	42
Configuration 124 - Stroke: 960 mm; Motor mounting: Left Side Motor; Motor power: 750 W	42
Configuration 125 - Stroke: 1320 mm; Motor mounting: Left Side Motor; Motor power: 400 W	54
Configuration 126 - Stroke: 840 mm; Motor mounting: Left Side Motor; Motor power: 400 W	38
Configuration 128 - Stroke: 360 mm; Motor mounting: Left Side Motor; Motor power: 400 W	22
Configuration 131 - Stroke: 900 mm; Motor mounting: Left Side Motor; Motor power: 400 W	40
Configuration 132 - Stroke: 1200 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	50
Configuration 133 - Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	24
Configuration 134 - Stroke: 60 mm; Motor mounting: Left Side Motor; Motor power: 750 W	12
Configuration 136 - Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	44
Configuration 138 - Stroke: 1500 mm; Motor mounting: Left Side Motor; Motor power: 400 W	60

CONFIGURATION	MOUNTING HOLE COUNT
Configuration 140 - Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	22
Configuration 142 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	38
Configuration 143 - Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	32
Configuration 146 - Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	26
Configuration 147 - Stroke: 600 mm; Motor mounting: Left Side Motor; Motor power: 400 W	30
Configuration 148 - Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	32
Configuration 149 - Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	44
Configuration 150 - Stroke: 900 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	40

Motor Interface Configuration

Motor Interface Configuration

CONFIGURATION	MOTOR MOUNTING STYLE	CONFIGURED MOTOR POWER
Configuration 01 - Stroke: 1320 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 02 - Stroke: 1080 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 03 - Stroke: 1440 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 04 - Stroke: 780 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 05 - Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 06 - Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 07 - Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 08 - Stroke: 1200 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 09 - Stroke: 720 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 10 - Stroke: 960 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 11 - Stroke: 840 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 12 - Stroke: 360 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 13 - Stroke: 1320 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 14 - Stroke: 900 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 15 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 16 - Stroke: 120 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 17 - Stroke: 1500 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 18 - Stroke: 240 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 19 - Stroke: 1440 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 20 - Stroke: 960 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: 300 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 22 - Stroke: 1500 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 23 - Stroke: 300 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 24 - Stroke: 180 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 25 - Stroke: 1440 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 26 - Stroke: 600 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 27 - Stroke: 1440 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 28 - Stroke: 900 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 29 - Stroke: 300 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 30 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 31 - Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 32 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 33 - Stroke: 240 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 34 - Stroke: 1500 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 35 - Stroke: 720 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 36 - Stroke: 420 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 37 - Stroke: 180 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: 750 W	Left Side Motor	750 W
Configuration 39 - Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 40 - Stroke: 1440 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 41 - Stroke: 1260 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 42 - Stroke: 1260 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 43 - Stroke: 840 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 44 - Stroke: 480 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: 1020 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 46 - Stroke: 1200 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 47 - Stroke: 780 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 48 - Stroke: 180 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 49 - Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 50 - Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 51 - Stroke: 60 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 52 - Stroke: 1140 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 53 - Stroke: 1140 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 54 - Stroke: 240 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 55 - Stroke: 360 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 56 - Stroke: 1500 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 57 - Stroke: 1080 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 58 - Stroke: 1260 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 59 - Stroke: 300 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 60 - Stroke: 60 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 61 - Stroke: 1200 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 62 - Stroke: 540 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 63 - Stroke: 900 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 64 - Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 65 - Stroke: 540 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 66 - Stroke: 1260 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 67 - Stroke: 1080 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 68 - Stroke: 180 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W

CONFIGURATION	MOTOR MOUNTING STYLE	CONFIGURED MOTOR POWER
Configuration 69 - Stroke: 720 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 70 - Stroke: 300 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 71 - Stroke: 780 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 72 - Stroke: 960 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 73 - Stroke: 1140 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 74 - Stroke: 600 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 75 - Stroke: 1320 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 76 - Stroke: 1380 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 77 - Stroke: 720 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 78 - Stroke: 1440 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 79 - Stroke: 1380 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 80 - Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 81 - Stroke: 540 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 82 - Stroke: 1380 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 83 - Stroke: 540 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 84 - Stroke: 1200 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 85 - Stroke: 660 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 86 - Stroke: 1320 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 87 - Stroke: 1260 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 88 - Stroke: 420 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 89 - Stroke: 1080 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 90 - Stroke: 180 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 91 - Stroke: 1260 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 92 - Stroke: 1020 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: 840 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 94 - Stroke: 240 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 95 - Stroke: 660 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 96 - Stroke: 120 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 97 - Stroke: 60 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 98 - Stroke: 660 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 99 - Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 100 - Stroke: 540 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 101 - Stroke: 1020 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 102 - Stroke: 240 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 103 - Stroke: 660 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 104 - Stroke: 600 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 105 - Stroke: 480 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 106 - Stroke: 1500 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 107 - Stroke: 1380 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 108 - Stroke: 1020 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 109 - Stroke: 720 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 110 - Stroke: 1140 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 111 - Stroke: 120 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 112 - Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 113 - Stroke: 780 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 114 - Stroke: 1320 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 115 - Stroke: 420 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 116 - Stroke: 180 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W

CONFIGURATION	MOTOR MOUNTING STYLE	CONFIGURED MOTOR POWER
Configuration 117 – Stroke: 600 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 118 – Stroke: 420 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: 400 W	Left Side Motor	400 W
Configuration 120 – Stroke: 120 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 121 – Stroke: 960 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 122 – Stroke: 1380 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 123 – Stroke: 900 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 124 – Stroke: 960 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 125 – Stroke: 1320 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 126 – Stroke: 840 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 127 – Stroke: 480 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 128 – Stroke: 360 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 129 – Stroke: 960 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 130 – Stroke: 1380 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 131 – Stroke: 900 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 132 – Stroke: 1200 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 133 – Stroke: 420 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 134 – Stroke: 60 mm; Motor mounting: Left Side Motor; Motor power: 750 W	Left Side Motor	750 W
Configuration 135 – Stroke: 1140 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 136 – Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 137 – Stroke: 1200 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 138 – Stroke: 1500 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 139 – Stroke: 120 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 140 – Stroke: 360 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W

CONFIGURATION	MOTOR MOUNTING STYLE	CONFIGURED MOTOR POWER
Configuration 141 - Stroke: 1080 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 142 - Stroke: 840 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 143 - Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 750 W	External Direct Coupling	750 W
Configuration 144 - Stroke: 780 mm; Motor mounting: Right Side Motor; Motor power: 750 W	Right Side Motor	750 W
Configuration 145 - Stroke: 480 mm; Motor mounting: Right Side Motor; Motor power: 400 W	Right Side Motor	400 W
Configuration 146 - Stroke: 480 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 147 - Stroke: 600 mm; Motor mounting: Left Side Motor; Motor power: 400 W	Left Side Motor	400 W
Configuration 148 - Stroke: 660 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 149 - Stroke: 1020 mm; Motor mounting: External Direct Coupling; Motor power: 400 W	External Direct Coupling	400 W
Configuration 150 - Stroke: 900 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	25	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-P08 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.