

LE Series

Ball-screw Driven Electric Actuators



High force electric actuators for general industrial applications

LE Series Ball-screw Driven Electric Actuators

The LE series cost-effective linear actuators are a compact and robust range of electric actuators that can provide linear motion for horizontal or vertically mounted applications. Travels for these linear actuators range from 50 mm to 1 metre. It has a selection of linear actuators that utilise directly driven brushless, DC brushed servomotors, and stepper motors.

LE Series linear actuators provide a strong structure, for high speed, high accuracy in motion and extremely smooth movement with low noise. This type of actuator can replace pneumatic cylinders, giving a safer, energy saving alternative with less pollution. It can be easily connected to a PLC control to benefit with high precision motion control.

Main Features

- Load range: 0-120KG
- MAX stroke: 1 metre, duty up to 100%
- High efficiency ball screw, self-unlocking
- Driven by a range of servo motors or stepping motors can be provided, or supplied without
- Precision control of position, precision repeatability of $\pm 0.02\text{mm}$
- Precision control of speed, high performance and high quality of low speed performance
- High dynamic response time, high acceleration
- High rigidity, high impact resistance
- Long life-cycle, simple operation and maintenance, with low noise



* Note: Thrust, stroke length etc. may be customised upon request. Please contact our technical sales team at (+44) 01202 599 922 for more details.

Applications

LE series linear actuator is widely used in industrial robots, fiber optics and photonics, vision systems, machine tools, assembly, semiconductor equipment, medical component manufacturing, electronic manufacturing, and other industrial automation applications. The LE range of linear actuators are also available in XY, XZ and XYZ configurations.

Part Number Configuration

LE50D - L10 - S800 - M2 - M 100W - B

① ② ③ ④ ⑤ ⑥ ⑦

① Model name

② Screw lead length

③ Stroke length

④ Motor mounting type

M2= Motor outside position

M3= Motor outside, rightward position

M4= Motor outside leftward position

M5= Motor outside upper position

M6= Motor outside lower position

⑤ Servo motor flange options

H = Hiwin

S = Sanyo Denki

M = Mitshubishi

Y = Yaskawa

P = Panasonic

F = Fuji

T = Delta

⑥ Motor output power

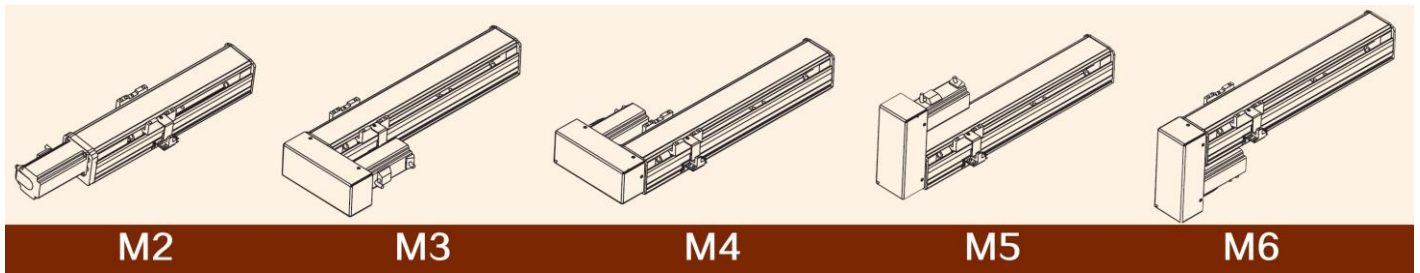
⑦ Brake

LE50D Technical Specifications

AC servo motor output power	100W																
Repeatability (mm)	±0.02		Horizontal use				Wall installation				Vertical use						
Ball screw ϕ (mm)	12	12	Lead	Payload	0°	45°	90°	Lead	Payload	0°	45°	90°	Lead	Payload	0°	45°	90°
Screw lead (mm)	5	10	Lead 10	2kg	385	220	800	Lead 10	1kg	700	100	310	Lead 10	1.2kg	220	70	220
Max. speed (mm/s)	250	500		4kg	170	90	330		2kg	385	50	110					
Max. payload	Horizontal	9kgs	5.5kgs	Lead 05	5.5kg	75	40	120	Lead 05	3kg	250	25	85	2.5kg	105	25	105
	Vertical	2.5kgs	1.2kgs		3kg	235	140	730		2kg	800	90	235				
Rated thrust (N)	70	35															
Stroke length (mm)	100–800 (50 interval)																

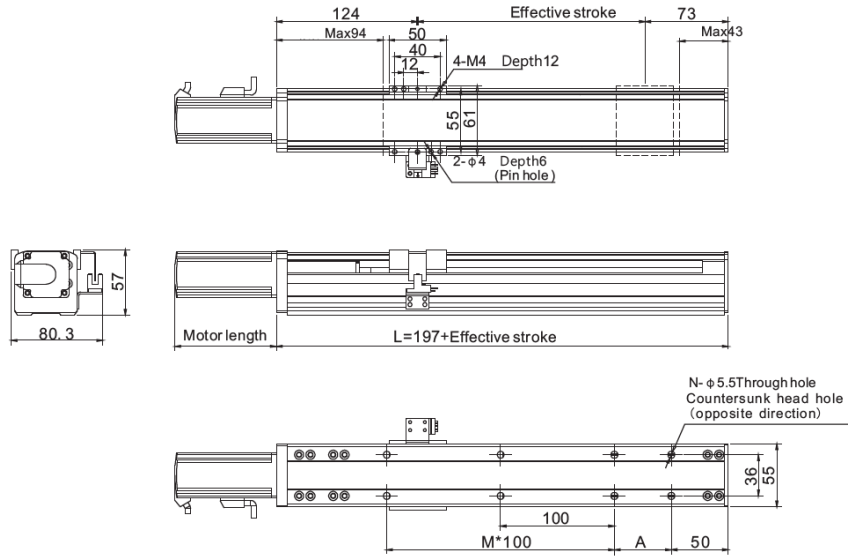
* Notes: 1) Linear guide rail: 9*8.5-1pc 2) L is the distance from the center of slider top to center of gravity of object being transported

Motor Mounting Type



Dimensions

(in mm)

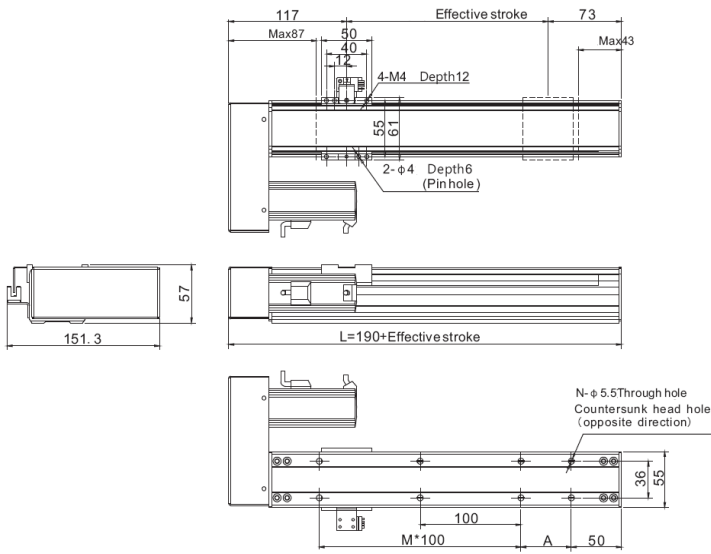


Notes: please contact us for specific model drawings before placing your order

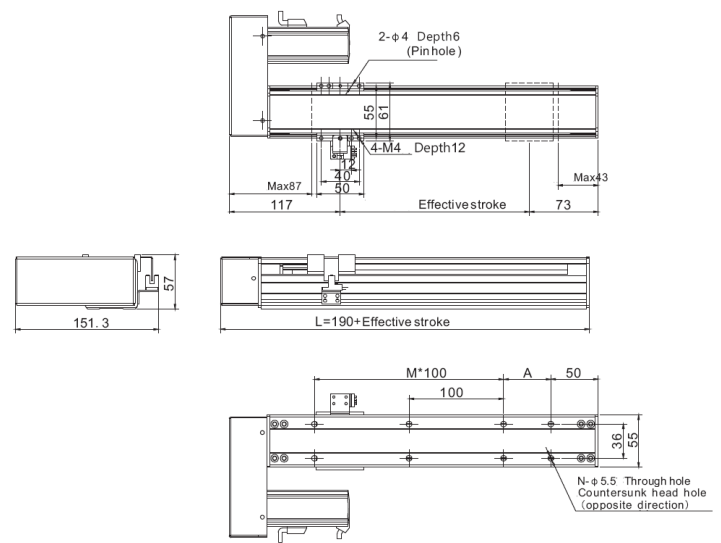
Stroke	100	150	200	250	300	350	400	450	500
L	297	347	397	447	497	547	597	647	697
A	50	100	50	100	50	100	50	100	50
M	1	1	2	2	3	3	4	4	5
N	6	6	8	8	10	10	12	12	14

Dimensions (in mm)

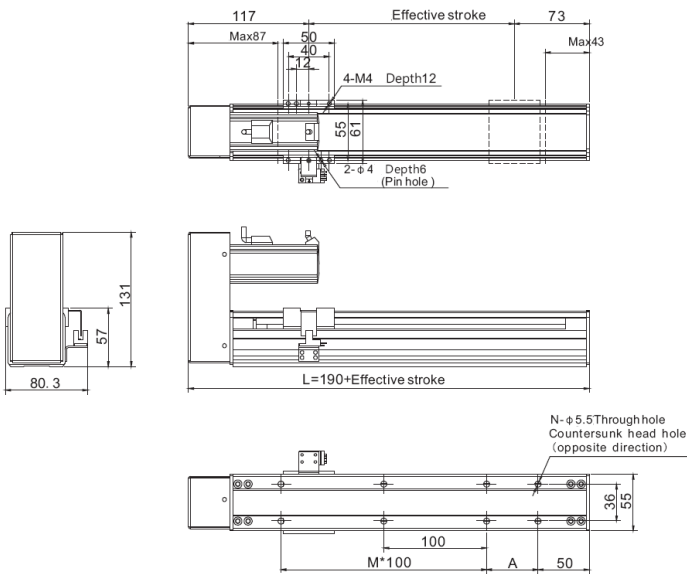
M3



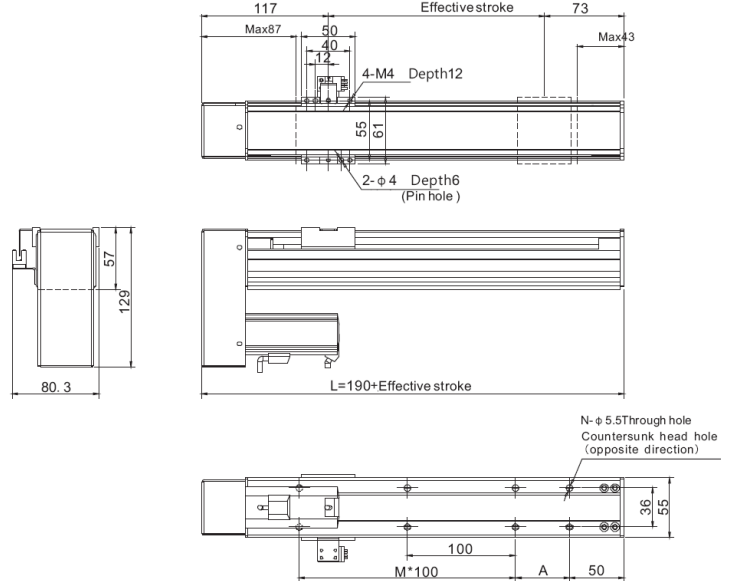
M4



M5



M6



Notes: please contact us for specific model drawings before placing your order

Stroke	100	150	200	250	300	350	400	450	500
L	290	340	390	440	490	540	590	640	690
A	50	100	50	100	50	100	50	100	50
M	1	1	2	2	3	3	4	4	5
N	6	6	8	8	10	10	12	12	14

LE80D Technical Specifications

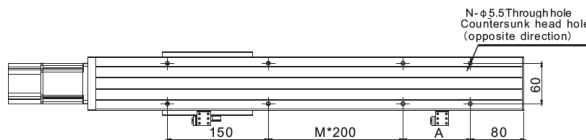
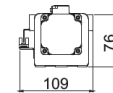
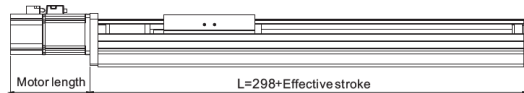
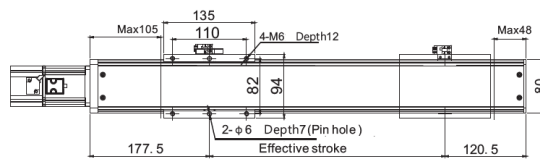
AC servo motor output power		100W																		
Repeatability (mm)		±0.02				Horizontal use (in mm)				Wall installation (in mm)				Vertical use (in mm)						
Ball screw ϕ (mm)		16	16	16	16	Lead	Payload	0°	45°	90°	Lead	Payload	0°	45°	90°	Lead	Payload	0°	45°	90°
Screw lead (mm)		5	10	16	20		Lead 20	4kg	170	235		598	Lead 20	4kg	266		77	75	Lead 20	1kg
Max. speed (mm/s)		250	500	800	1000	Lead 16		7kg	77	121	321	Lead 16		7kg	139	33	22	Lead 16		2kg
Max. payload	Horizontal	35kgs	25kgs	15kgs	10kgs		Lead 10	10kg	35	39	176		Lead 10	10kg	25	0	0		Lead 10	3kg
	Vertical	13kgs	9kgs	5kgs	4kgs	Lead 5		4kg	212	300	766	Lead 5		4kg	380	128	106	Lead 5		1kg
Rated thrust (N)		300	150	85	75		Lead 10	9kg	109	151	401		Lead 10	7kg	198	50	31		Lead 10	2kg
Stroke length (mm)		100 – 1050 (50 interval)				Lead 10		15kg	43	48	220	Lead 10		15kg	35	0	0	Lead 10		4kg
							Lead 5	14kg	70	112	375		Lead 5	14kg	502	247	120		Lead 5	3kg
						Lead 5		21kg	35	42	217	Lead 5		21kg	189	115	71	Lead 5		6kg
							Lead 5	25kg	0	0	98		Lead 5	25kg	52	7	0		Lead 5	9kg
						Lead 5		25kg	0	0	226	Lead 5		25kg	313	160	94	Lead 5		5kg
							Lead 5	30kg	0	0	103		Lead 5	30kg	154	33	0		Lead 5	10kg
						Lead 5		35kg	0	0	21	Lead 5		35kg	15	0	0	Lead 5		13kg

* Notes: 1) Linear guide rail: 15*12.5-1pc 2) L is the distance from the center of slider top to center of gravity of object being transported

Motor Mounting Type



Dimensions (in mm)

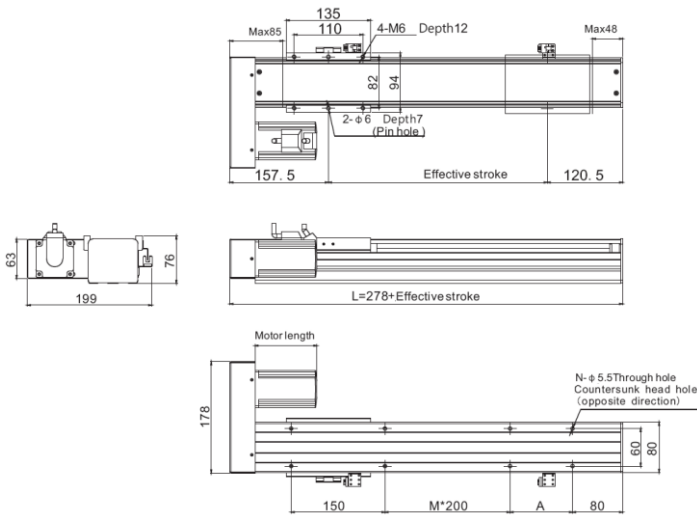


Notes: please contact us for specific model drawings before placing your order

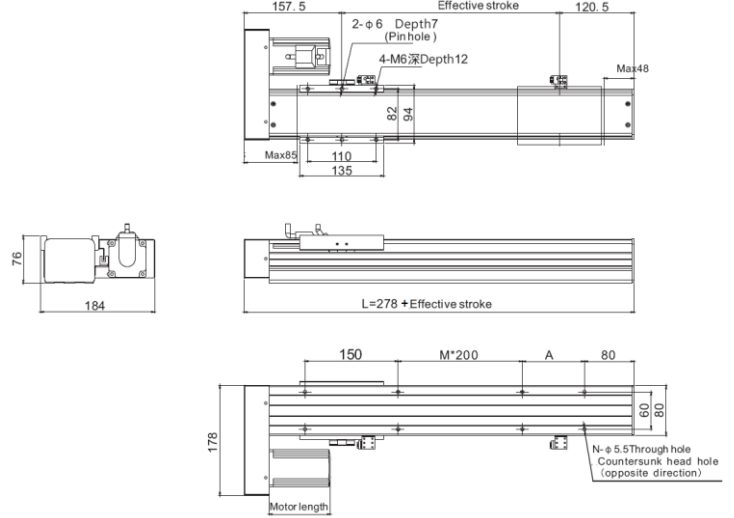
Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	398	448	498	548	598	648	698	748	798	848	898	948	998	1048	1098	1148	1198	1248	1298	1348
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	0	0	0	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14

Dimensions (in mm)

M3

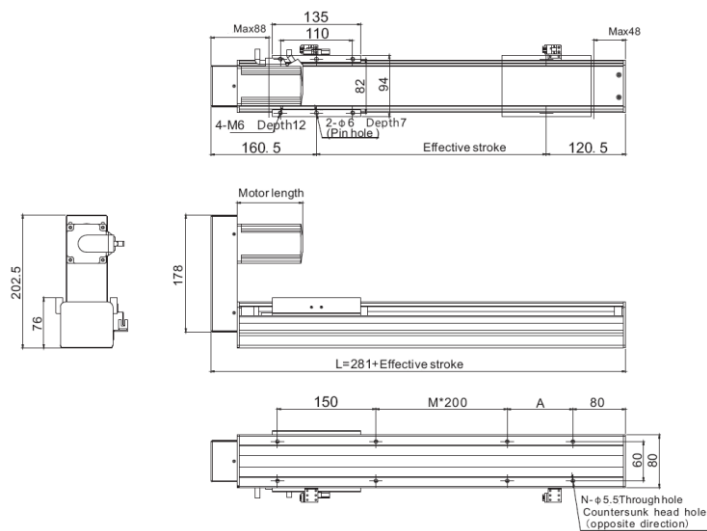


M4

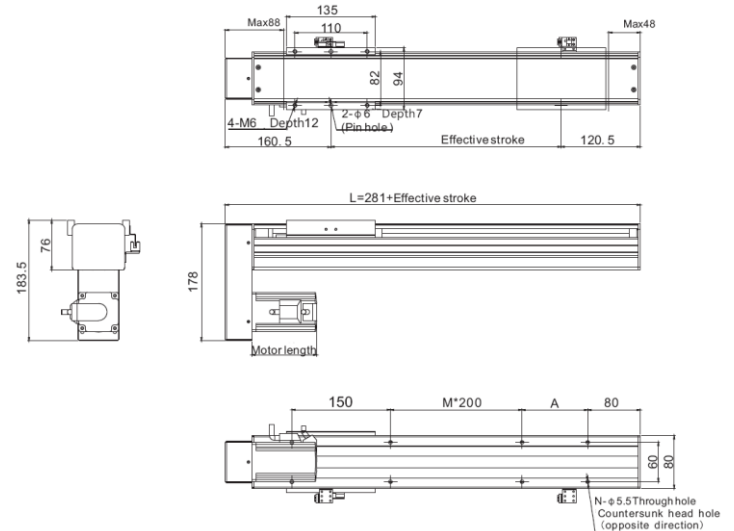


Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	378	428	478	528	578	628	678	728	778	828	878	928	978	1028	1078	1128	1178	1228	1278	1328
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	0	0	0	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14

M5



M6



Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	381	431	481	531	581	631	681	731	781	831	881	931	981	1031	1081	1131	1181	1231	1281	1331
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	0	0	0	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14

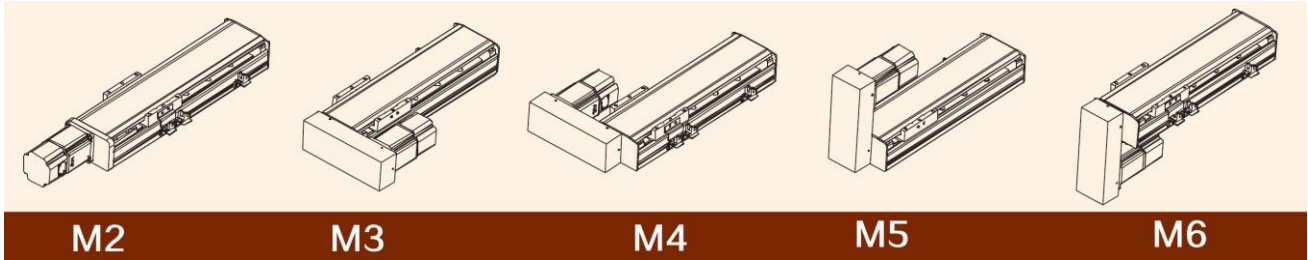
Notes: please contact us for specific model drawings before placing your order

LE100S Technical Specifications

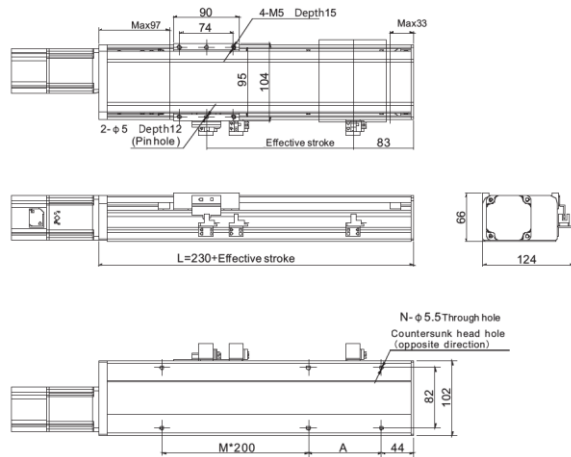
AC servo motor output power		400W																		
Repeatability (mm)		±0.02				Horizontal use (in mm)				Wall installation (in mm)				Vertical use (in mm)						
Ball screw ϕ (mm)	16	16	16	16	Lead	Payload	0°	45°	90°	Lead	Payload	0°	45°	90°	Lead	Payload	0°	45°	90°	
	16	16	16	16		30kg	424	24	424		10kg	1400	50	105		5kg	145	-	100	
Screw lead (mm)	5	10	16	20	Lead 05	50kg	0	0	0	Lead 05	20kg	538	0	22	Lead 05	10kg	90	-	50	
	5	10	16	20		-	-	-	-		30kg	0	0	0		12kg	63	-	23	
Max. speed (mm/s)	250	500	800	1000	Lead 10	15kg	79	76	394	Lead 10	10kg	545	50	100	Lead 10	4kg	375	-	335	
	250	500	800	1000		25kg	25	22	184		20kg	221	0	20		6kg	180	-	140	
Max. payload	Horizontal	50kgs	35kgs	25kgs	20kgs	Lead 16	30kg	-	-	111	Lead 16	30kg	0	0	0	Lead 16	8kg	140	-	100
	Vertical	15kgs	10kgs	8kgs	5kgs		5kg	259	282	937		5kg	605	58	116		1kg	620	-	620
Rated thrust (N)	300	150	85	75	Lead 16	10kg	116	121	487	Lead 16	10kg	253	0	24	Lead 16	2kg	680	-	680	
	300	150	85	75		22kg	44	40	236		22kg	0	0	0		5kg	350	-	310	
Stroke length (mm)	100 – 1050 (50 interval)				Lead 20	5kg	264	285	940	Lead 20	5kg	903	211	251	Lead 20	1kg	580	-	580	
						10kg	120	125	490		10kg	436	49	97		2kg	645	-	645	
						15kg	48	45	240		15kg	153	0	23		3kg	350	-	310	

* Notes: 1) Linear guide rail: 20*15.5-1pc

2) L is the distance from the center of slider top to center of gravity of object being transported



Dimensions (in mm)

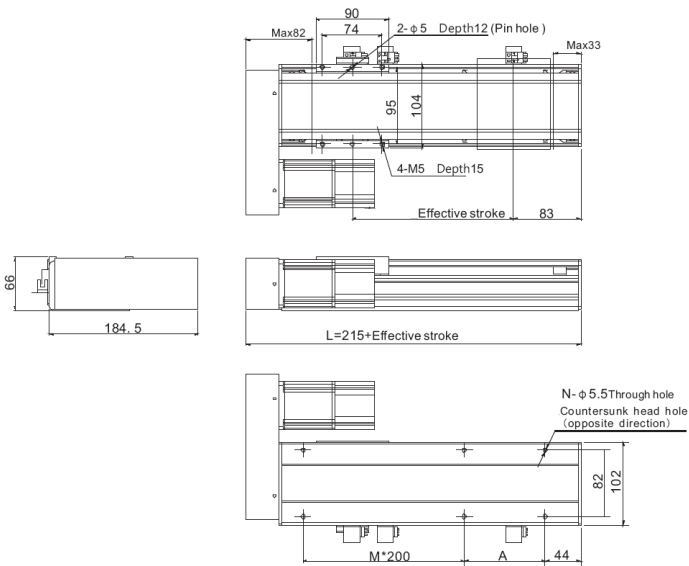


Notes: please contact us for specific model drawings before placing your order

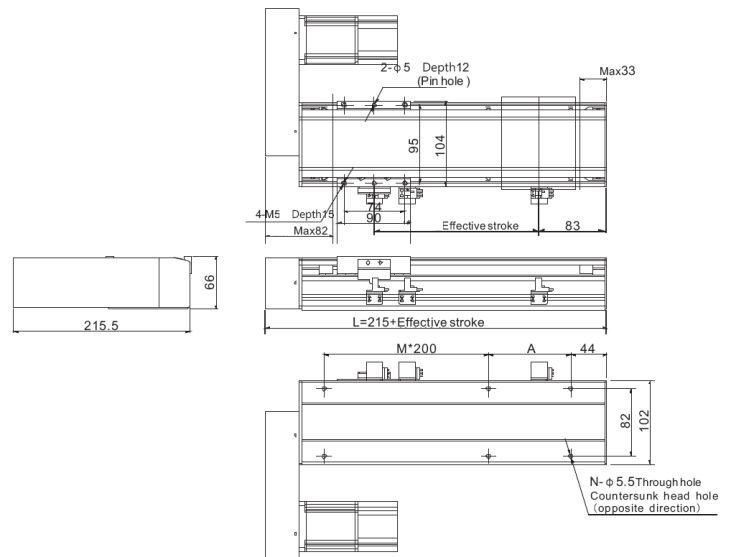
Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	330	380	430	480	530	580	630	680	730	780	830	880	930	980	1030	1080	1130	1180	1230	1280
A	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150
M	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5
N	4	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	16	16	16

Installation Dimensions (in mm)

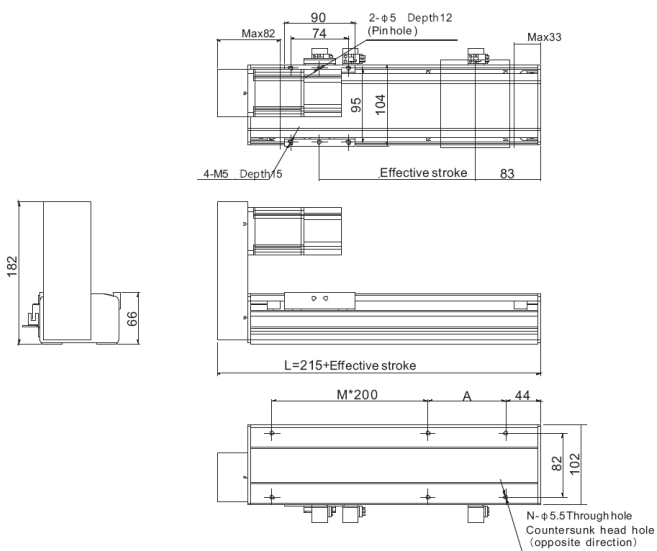
M3



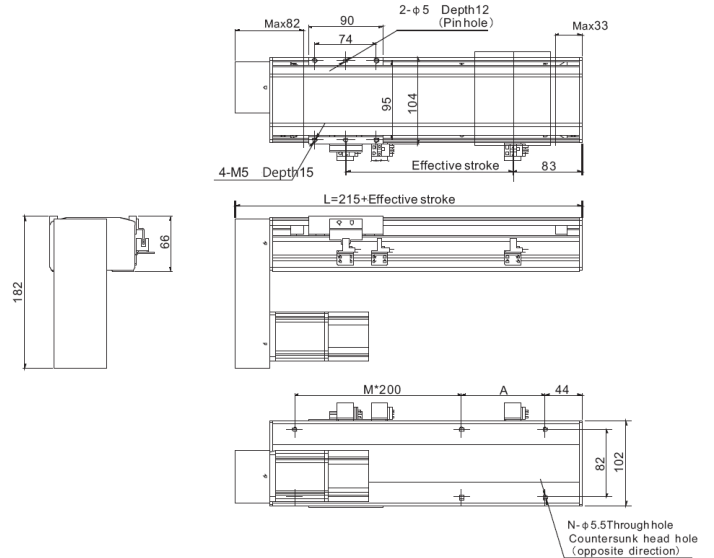
M4



M5



M6



Notes: please contact us for specific model drawings before placing your order

Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	315	365	415	465	515	565	615	665	715	765	815	865	915	965	1015	1065	1115	1165	1215	1265
A	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150
M	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5
N	4	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14

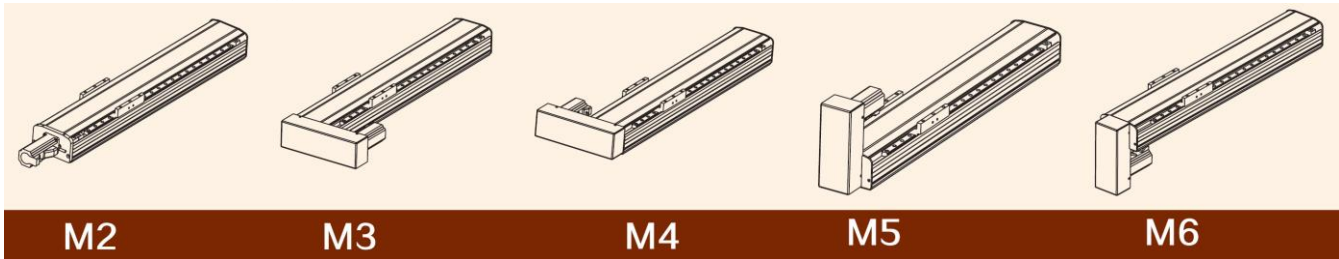
LE100D Technical Specifications

AC servo motor output power		400W																		
Repeatability (mm)		±0.02				Horizontal use (in mm)				Wall installation (in mm)				Vertical use (in mm)						
Ball screw ϕ (mm)	16	16	16	16	Lead	Payload	0°	45°	90°	Lead	Payload	0°	45°	90°	Lead	Payload	0°	45°	90°	
						5kg	193	206	467		3kg	462	228	179		1kg	546	441	570	
Screw lead (mm)	5	10	16	20	Lead 20	10kg	72	81	191	Lead 20	7kg	289	94	76	Lead 20	3kg	375	243	391	
						20kg	0	0	75		10kg	211	55	39		5kg	123	82	150	
						5kg	239	286	536		5kg	477	140	123		3kg	413	287	262	
Max. speed (mm/s)	250	500	800	1000	Lead 16	10kg	119	139	301	Lead 16	10kg	269	78	69	Lead 16	5kg	214	151	242	
						25kg	15	23	156		15kg	126	54	37		8kg	60	15	85	
Max. payload	Horizontal	50kgs	35kgs	25kgs	20kgs	Lead 10	15kg	65	85	225	Lead 10	10kg	545	122	109	Lead 10	4kg	296	212	320
	Vertical	15kgs	10kgs	8kgs	5kgs		25kg	21	27	87		20kg	210	33	21		6kg	145	102	101
Rated thrust (N)	300	150	85	75	Lead 10	35kg	0	0	0	Lead 10	30kg	0	0	0	Lead 10	10kg	79	35	80	
						30kg	21	32	262		10kg	602	187	153		10kg	93	56	106	
						50kg	1	2	48		20kg	380	92	75		13kg	42	32	71	
Stroke length (mm)	100 – 1050 (50 interval)	Lead 05	60kg	0	0	0	Lead 05	30kg	95	0	0	Lead 05	15kg	23	5	41				

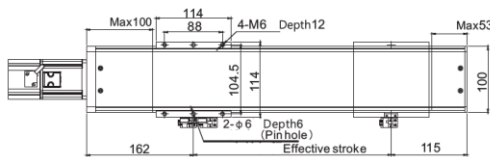
* Notes: 1) Linear guide rail: 12*8-2pc

2) L is the distance from the center of slider top to center of gravity of object being transported

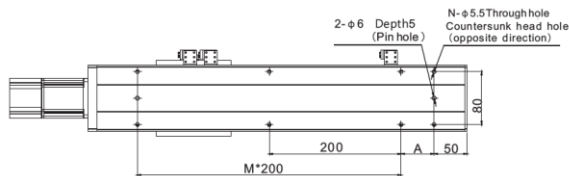
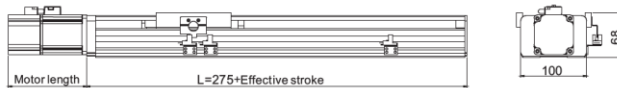
Motor Installation Type



Dimensions (in mm)



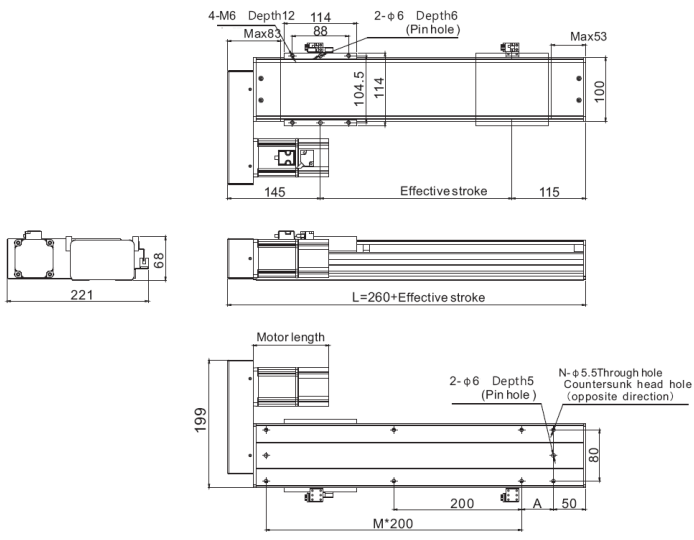
M2



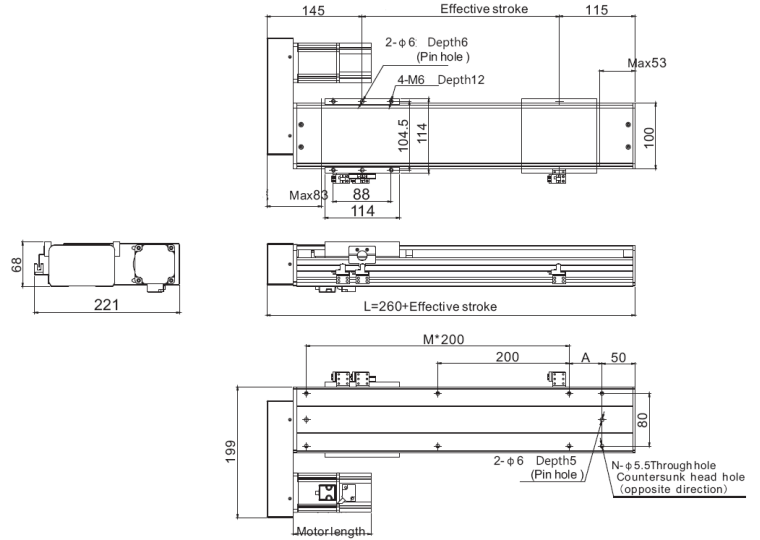
Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	375	425	475	525	575	625	675	725	775	825	875	925	975	1025	1075	1125	1175	1225	1275	1325
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14

Installation Dimensions (in mm)

M3



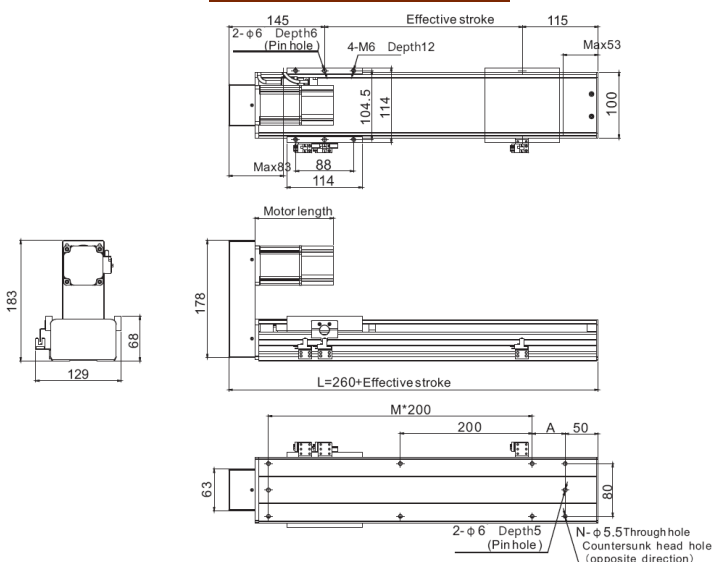
M4



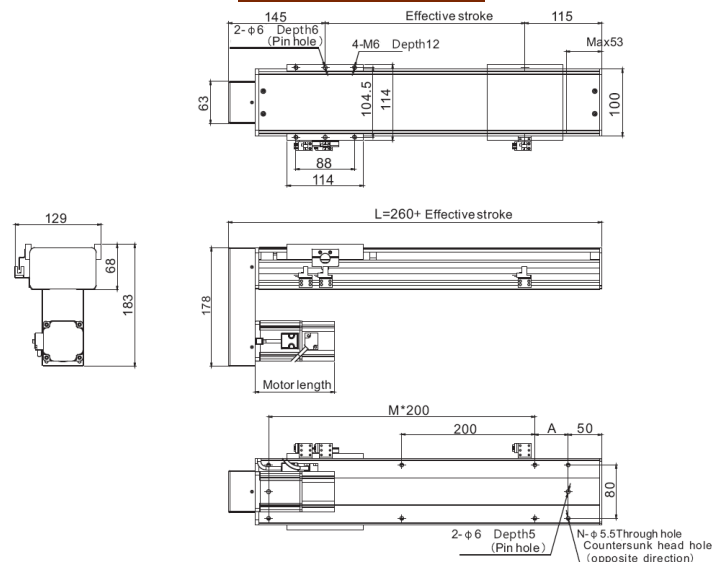
Notes: please contact us for specific model drawings before placing your order

Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	360	410	460	510	560	610	660	710	760	810	860	910	960	1010	1060	1110	1160	1210	1260	1310
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14

M5



M6



Notes: please contact us for specific model drawings before placing your order

Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	375	425	475	525	575	625	675	725	775	825	875	925	975	1025	1075	1125	1175	1225	1275	1325
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14

LE136D Technical Specifications

AC servo motor output power		200W																		
Repeatability (mm)		±0.02				Horizontal use (in mm)				Wall installation (in mm)				Vertical use (in mm)						
Ball screw ϕ (mm)	16	16	16	16	Lead	Payload	0°	45°	90°	Lead	Payload	0°	45°	90°	Lead	Payload	0°	45°	90°	
						10kg	820	870	1830		10kg	935	499	550		4kg	609	830	1423	
Screw lead (mm)	5	10	16	20	Lead 20	20kg	450	480	1050	Lead 20	20kg	526	288	290	Lead 20	6kg	470	559	952	
						35kg	250	310	650		30kg	305	130	125		8kg	350	411	713	
						30kg	360	470	1100		30kg	1030	340	272		10kg	400	568	1121	
Max. speed (mm/s)	250	500	800	1000	Lead 16	50kg	232	315	815	Lead 16	50kg	659	160	119	Lead 16	13kg	270	375	705	
						65kg	159	222	705		60kg	398	40	29		15kg	201	261	529	
Max. payload	Horizontal	85kgs	70kgs	65kgs	35kgs	Lead 10	40kg	331	459	1027	Lead 10	40kg	525	166	86	Lead 10	15kg	149	215	431
	Vertical	25kgs	20kgs	15kgs	8kgs		55kg	215	299	797		55kg	385	92	13		18kg	115	161	349
Rated thrust (N)		640	320	225	160	Lead 10	70kg	154	219	680	Lead 10	70kg	121	6	0	Lead 10	20kg	95	135	273
Stroke length (mm)		100 – 1050 (50 interval)					Lead 05	60kg	134	329		1625	Lead 05	60kg	725		61	40	Lead 05	20kg
						70kg		185	262	1385	70kg	349		11	7	22kg	127	190		310
						85kg		154	219	1220	80kg	0		0	0	25kg	73	108		263

* Notes: 1) Linear guide rail: 15*12.5-2pc

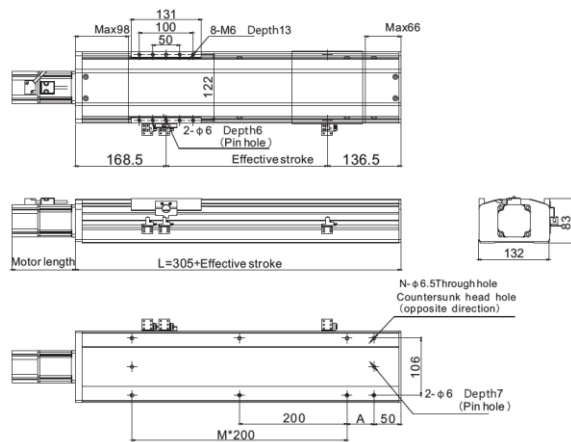
2) L is the distance from the center of slider top to center of gravity of object being transported

Motor Installation Type



Dimensions (in mm)

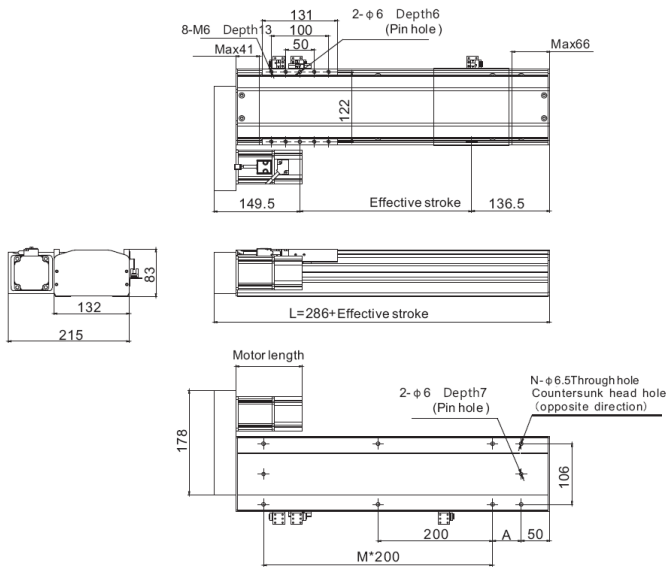
M2



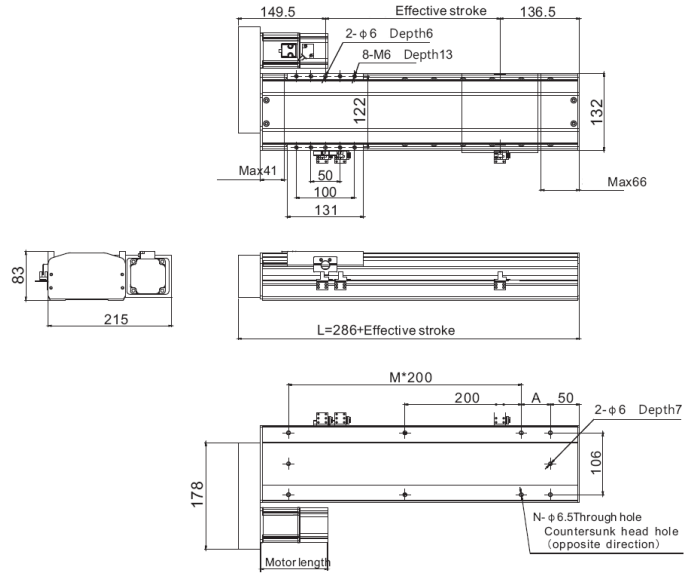
Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	405	455	505	555	605	655	705	755	805	855	905	955	1005	1055	1105	1155	1205	1255	1305	1355
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14

Installation Dimensions (in mm)

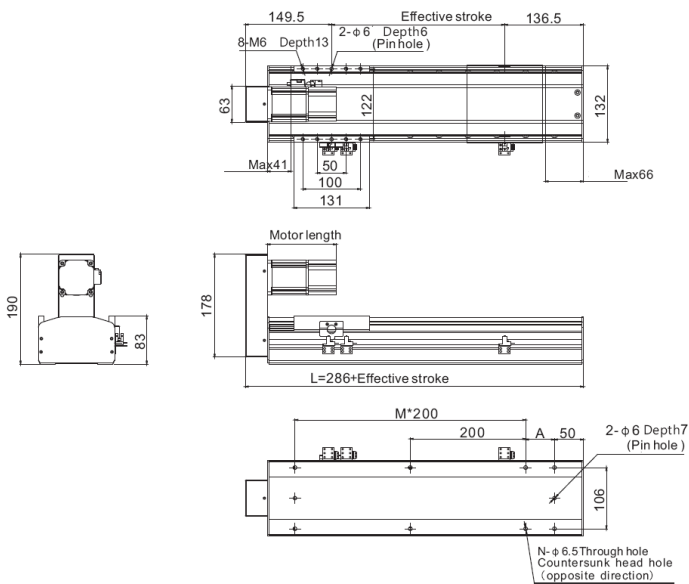
M3



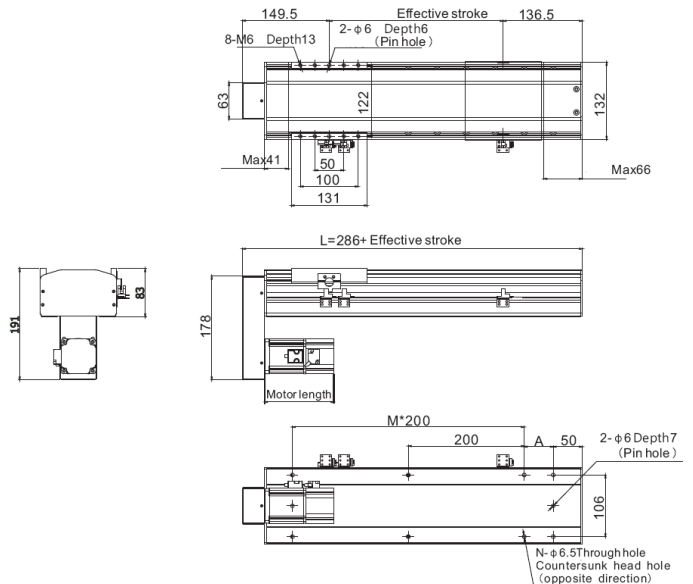
M4



M5



M6



Notes: please contact us for specific model drawings before placing your order

Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	386	436	486	536	586	636	686	736	786	836	886	936	986	1036	1086	1136	1186	1236	1286	1336
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14

LE168D Technical Specifications

AC servo motor output power		400W																		
Repeatability (mm)		±0.02				Horizontal use (in mm)				Wall installation (in mm)				Vertical use (in mm)						
Ball screw ϕ (mm)	25	25	25	25	Lead	Payload	0°	45°	90°	Lead	Payload	0°	45°	90°	Lead	Payload	0°	45°	90°	
						25kg	643	867	1438		25kg	979	460	431		3kg	2544	1789	2544	
Screw lead (mm)	5	10	16	20	Lead 20	45kg	399	512	1103	Lead 20	45kg	682	312	300	Lead 20	7kg	1383	571	1383	
						65kg	240	922	971		65kg	566	203	171		11kg	900	672	900	
						30kg	765	300	1749		30kg	1095	560	550		5kg	2350	1660	2350	
Max. speed (mm/s)	250	500	1000	1250	Lead 16	50kg	454	571	1216	Lead 16	50kg	730	335	325	Lead 16	10kg	1210	845	1210	
						75kg	305	393	1035		75kg	580	215	195		15kg	810	570	810	
Max. payload	Horizontal	110kg	80kg	75kg	65kg	Lead 10	50kg	661	808	1371	Lead 10	50kg	1212	478	369	Lead 10	15kg	1610	1138	1610
	Vertical	40kg	35kg	15kg	11kg		65kg	499	573	1190		65kg	1130	384	335		25kg	950	670	950
Rated thrust (N)	945	480	240	200	Lead 10	80kg	337	428	1007	Lead 10	80kg	973	263	220	Lead 10	35kg	660	468	660	
						70kg	389	530	1398		70kg	911	400	365		20kg	1577	1099	1577	
						90kg	220	312	1089		90kg	622	249	197		30kg	782	567	782	
Stroke length (mm)	100 – 1050 (50 interval)	100 – 1050 (50 interval)	100 – 1050 (50 interval)	100 – 1050 (50 interval)	Lead 05	110kg	180	250	950	Lead 05	110kg	464	176	110	Lead 05	40kg	245	130	245	
						70kg	389	530	1398		70kg	911	400	365		20kg	1577	1099	1577	
						90kg	220	312	1089		90kg	622	249	197		30kg	782	567	782	

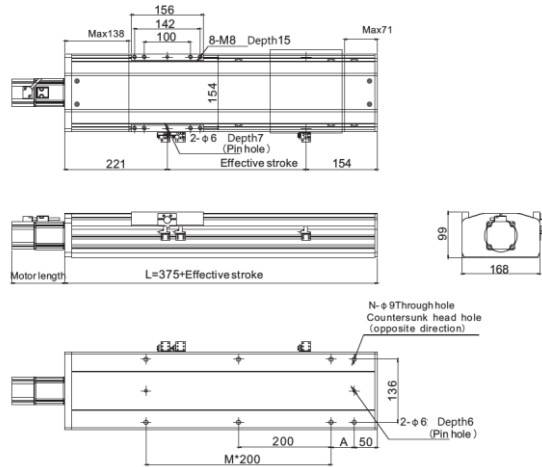
* Notes: 1) Linear guide rail: 20*15.5-2pc 2) L is the distance from the center of slider top to center of gravity of object being transported

Motor Installation Type



Dimensions (in mm)

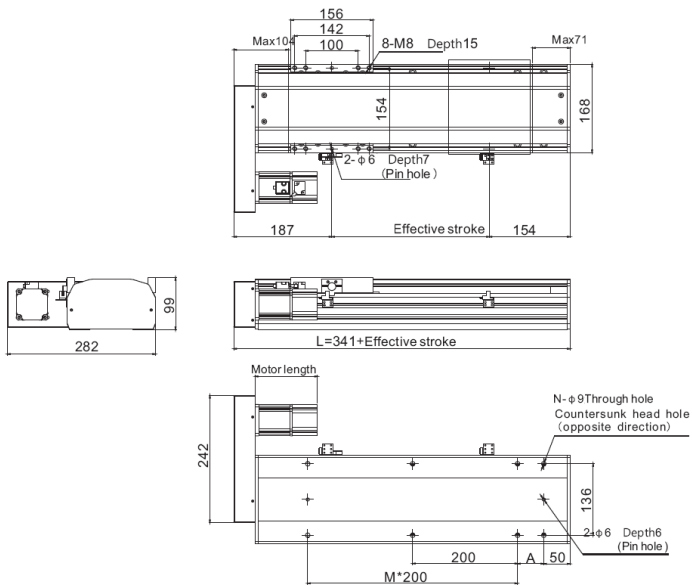
M2



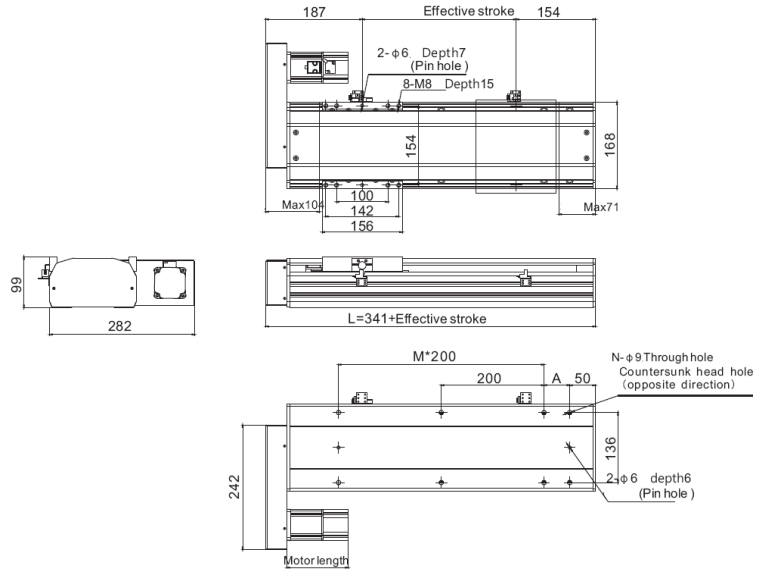
Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
L	475	525	575	625	675	725	775	825	875	925	975	1025	1075	1125	1175	1225	1275	1325	1375	1425	1475	1525	1575	1625
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14	16	16	16	16

Installation Dimensions (in mm)

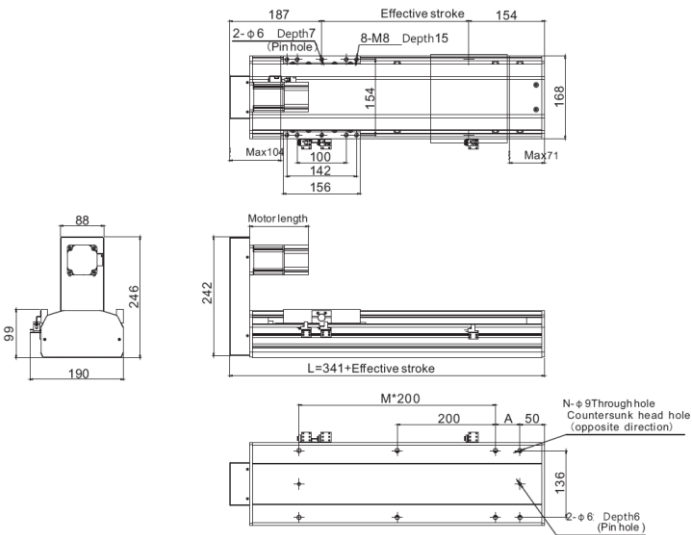
M3



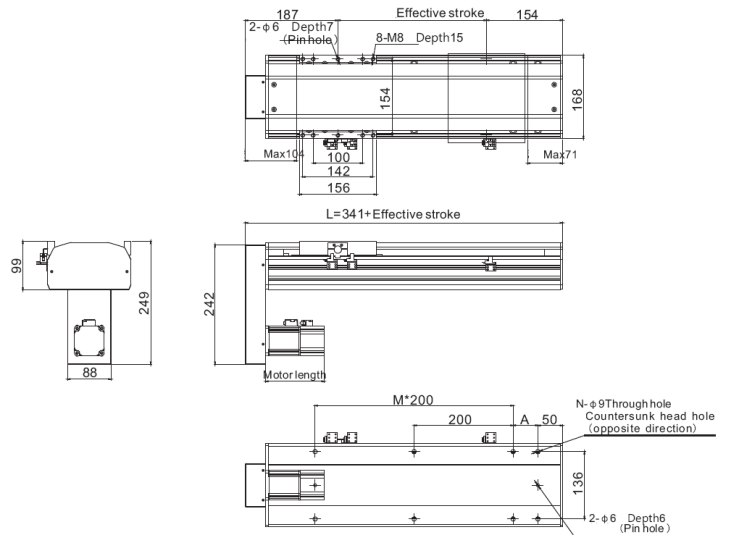
M4



M5



M6



Notes: please contact us for specific model drawings before placing your order

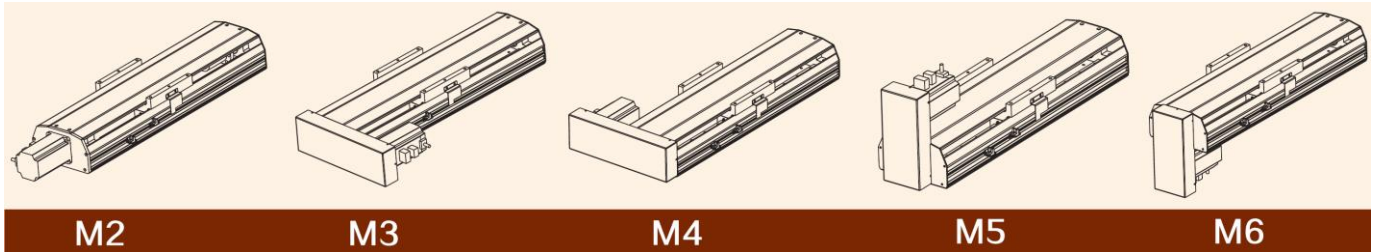
Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
L	441	491	541	591	641	691	741	791	841	891	941	991	1041	1091	1141	1191	1241	1291	1341	1391	1441	1491	1541	1591
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14	16	16	16	16

LE202D Technical Specifications

AC servo motor output power		750W																		
Repeatability (mm)		±0.02					Horizontal use (in mm)				Wall installation (in mm)				Vertical use (in mm)					
Ball screw ϕ (mm)	32	32	32	32	32	Lead	Payload	0°	45°	90°	Lead	Payload	0°	45°	90°	Lead	Payload	0°	45°	90°
							45kg	482	603	1008		45kg	700	354	412		10kg	1175	802	1175
Screw lead (mm)	5	10	20	25	32	Lead 20	55kg	223	393	835	Lead 20	55kg	543	235	325	Lead 20	15kg	893	560	893
							65kg	189	244	525		65kg	399	141	235		20kg	531	278	531
Max. speed (mm/s)	250	500	1000	1250	1600	Lead 16	50kg	765	922	1449	Lead 16	50kg	1305	601	588	Lead 16	15 kg	1270	903	1270
							70kg	454	571	1216		70kg	1002	427	397		20kg	876	678	876
Max. payload (kg)	Horizontal	120	100	85	75	65	85kg	305	393	935	Lead 10	85kg	731	298	265	Lead 10	25kg	753	468	753
Rated thrust (N)	2050	1025	560	420	350	Lead 10	60kg	603	770	1493	Lead 10	60kg	1095	531	502	Lead 10	30kg	1152	791	1152
							80kg	400	511	1236		80kg	737	430	378		45kg	713	564	713
Stroke length (mm)	100 – 1450	(50 interval)				Lead 05	100kg	188	243	1019	Lead 05	100kg	581	237	195	Lead 05	40kg	669	370	669
							85kg	408	539	1366		85kg	987	421	387		30kg	979	631	979
							120kg	83	100	904		120kg	412	157	89		55kg	222	48	222

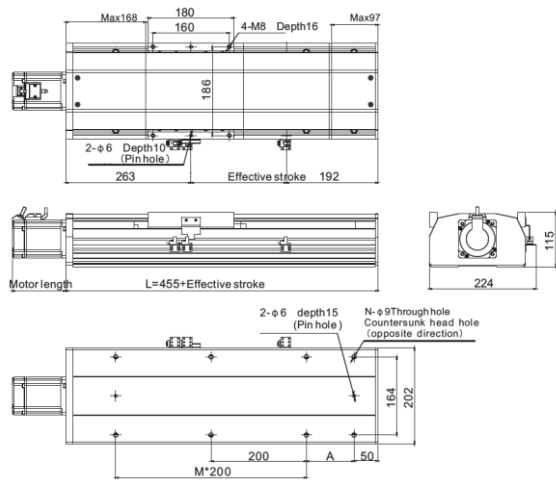
* Notes: 1) Linear guide rail: 23*22-2pc 2) L is the distance from the center of slider top to center of gravity of object being transported

Motor Installation Type



Dimensions (in mm)

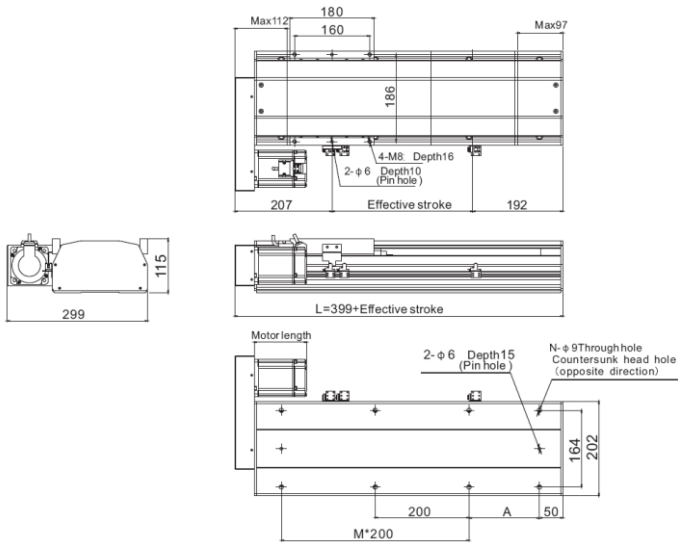
M2



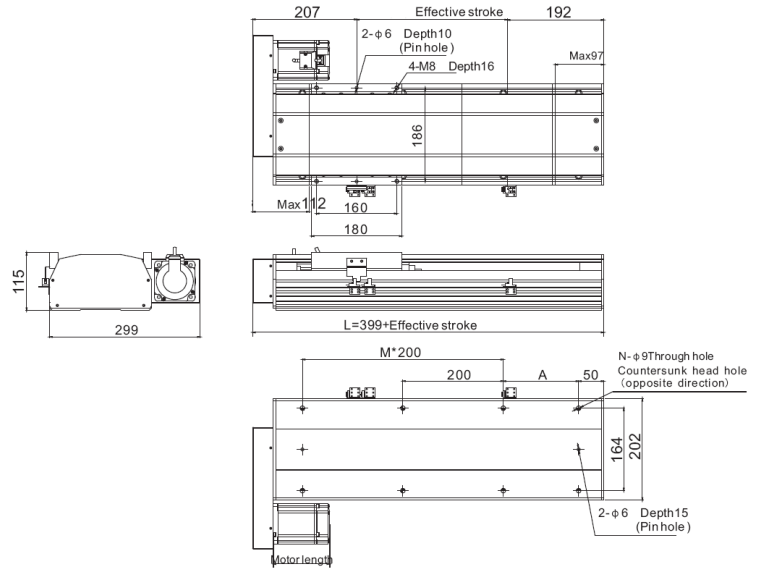
Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450
L	555	605	655	705	755	805	855	905	955	1005	1055	1105	1155	1205	1255	1305	1355	1405	1455	1505	1555	1605	1655	1705	1755	1805	1855	1905
A	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150
M	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8
N	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14	16	16	16	16	18	18	18	18	20	20	20

Installation Dimensions (in mm)

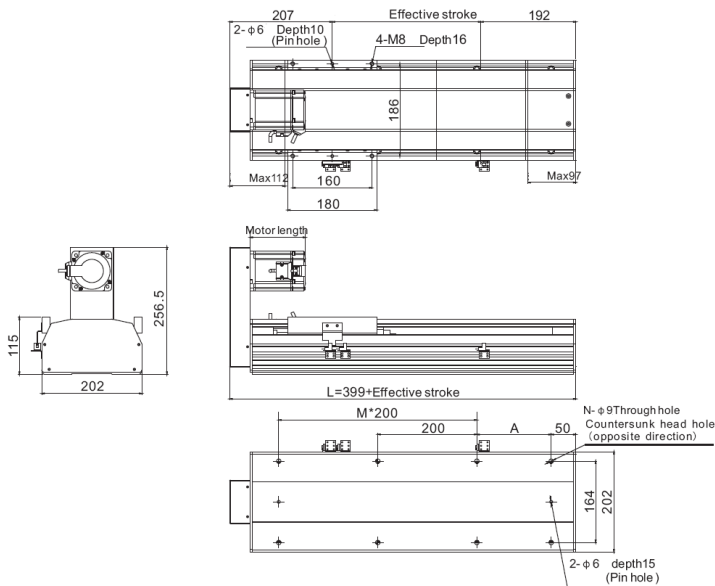
M3



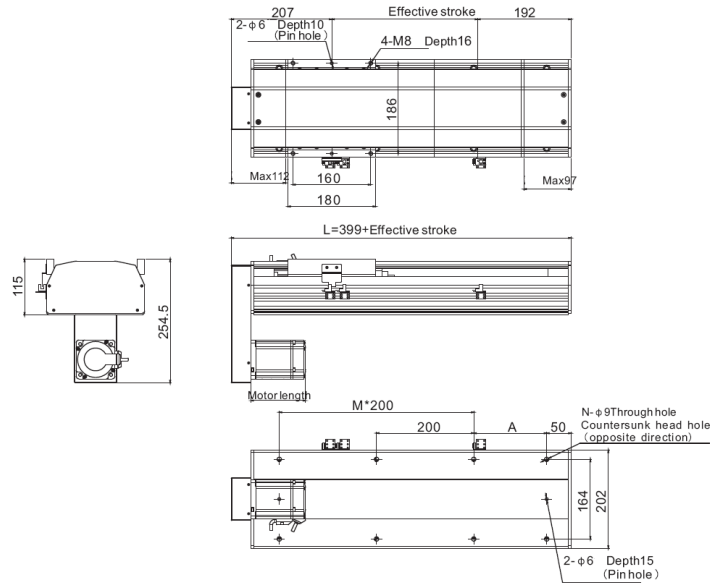
M4



M5



M6



Notes: please contact us for specific model drawings before placing your order

Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450
L	499	549	599	649	699	749	799	849	899	949	999	1049	1099	1149	1199	1249	1299	1349	1399	1449	1499	1549	1599	1649	1699	1749	1799	1849
A	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100
M	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8
N	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14	16	16	16	16	18	18	18	28	20	20