Series		Model Number	Positioning Accuracy (mm)	Recommended Stroke Range (mm)	Rated Speed (mm/s)	Motor Power W	Ball Screw(Timing Belt) Specifications (mm)		Max. Loadable Weight (KG)		Stroke
Drive Mode	Dust-proof construction						Diameter	Screw Pitch (Lead)	Horizontal	Vertical	
Ball Screw	Semi-closed construction	75	±0.02	~800	250	200	16	5	30	15	250
					500			10	30	10	500
					800			16	15	5	800
					1000			20	12	5	1000
		95	±0.02	~800	250	200	16	5	50	20	250
					500			10	28	15	500
					800			16	20	12	800
					1000						1000
		120	±0.02	~1000	250	400	16	5	80	35	250
					500			10	50	20	500
					800			16	36	18	800
					1000						1000
		140	±0.02	~1200	250	400	20	5	150	40	250
					500			10	80	20	500
					1000			20	30	10	1000
		175	±0.02	~1600	250	750	25	5	180	80	250
					500			10	120	50	500
					1250			25	120	50	1250
		210	±0.02	~1600	250	750	25	5	180	80	250
					500			10	120	50	500
					1250			25	120	50	1250
Timing Belt		95	±0.01	~2500	2000	200	25	40	20	—	2000
		120	±0.01	~3750	2000	400	25	40	40	—	2000
		140	±0.01	~3750	2000	400	30	60	60	—	2000
		175	±0.01	~3750	2000	750	50	80	90	—	2000
		210	±0.01	~3750	2000	750	50	80	90	—	2000

Maximum Speed for Each Stroke (mm/s)																								
600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1300	1400	1500	1600	1700	1800	1900	2000	2500	3000	3750
200	175	150	125	100																			
400	350	300	250	200																			
640	560	480	400	320																			
800	700	600	500	400																			
200	175	150	125	100																			
400	350	300	250	200																			
640	560	480	400	320																			
800	700	600	500	400																			
	225	200	175	150	125	100	75	50															
	450	400	350	300	250	200	150	100															
	720	640	560	480	400	320	240	160															
	900	800	700	600	500	400	300	200															
					225	200	175	150	125	100	75	50											
					450	400	350	300	250	200	150	100											
					720	640	560	480	400	320	240	160											
250																							
500																							
1250																							
250																							
500																							
1250																							
2000																							
2000																							
2000																							
2000																							

Precautions for Use

(Read these precautions before use.)

Before using this product, please read this manual and the relevant manuals introduced in this manualcarefully and pay full attention to safety in order to handle the product correctly.
This manual classifies the safety precautions into two categories: [⚠ WARNING] and [CAUTION].

⚠WARNING:	Indicates a potentially hazardous situation which, if the equipment is operated incorrectly, could result in death or serious injury.
⚠CAUTION:	Indicates a potentially hazardous situation which, if the equipment is operated incorrectly, may result in injury and machine damage.

This product is designed and manufactured as a component for using in general industrial machinery.

1. Important Precautions

1.1 Cautions on Automatic Operating

- To prevent the operator from being injured by the speed movement of the motorized module when entering the operating range of the motorized module, please install a safety barrier.
- At the entrance of the safety barrier, please design a chain control device for opening and emerge –ncy stop.
- Do not enter the control unit from an access point other than the entrance.

⚠ WARNINGS:

1.2 To Prevent Hand Injury.

- When operating the motorized module, please pay attention to the movement of the slide to prevent personal injury caused by hands caught of machines.

1.3 Do Not Use the Product in Hazardous Atmosphere such as Combustible Gases.

- There are no explosion–proof specifications for this product.
- Please do not use it around flammable gases, flammable powders, flammable liquids and in other hazardous enviroment. There is a possibility of explosion or fire.

1.4 Do Not Use the Product near Strong Electromagnetic Waves.

- Please do not use the product in places where there is electromagnetic damage, electrostatic discharge or wireless electromagnetic wave damage.
- By the influences of the electromagnetic interference, incorrect operation of motorized module may cause injury.

1.5 Please be Careful when Releasing the Brakes of Vertical module (Upper and Lower Axis).

- If the brakes are released, there is a risk that the upper and lower axis will slip down.
- Please block the upper and lower axis with the baffles before releasing the brakes but after pressing the emergency buttons.
- When performing a direct demonstration of the brake releasing, please take care to protect from being caught between the upper and lower axis and the frame table.

1.6 Please be Careful when Removing the Motor (Vertical Specifications).

- If the motor is removed, there is a risk that the upper and lower axis will fall off.
- Please cut off the power to the controller first.
- Please block the upper and lower axis with baffles before taking out the motor.
- Please do not let your body get caught between the upper and lower drive sections and the upper and lower axis table.

1.7 Handlings of the Damage and the Abnormality of the Product.

- If the motorized module is damaged or abnormal, it is dangerous to use. Please stop using it imm –ediately and contact us.
- Steel belts, timing belts, rollers and lubricants are consumables and are recommended to be replaced once a year. Lubricants are refilled regularly.

1.8 Please be Careful when Touching the High Temperature Part of the Motor and Gear Box.

- Automatic running motors and gear boxes will reach high temperature, which may casue burns if you touch them directly. In the case that you need to check the motorized module, please cut off the power to the controller first. The temperature will drop with time, so please confirm the temperature before touching.

1.9 Do Not Remove, Alterate and Damage the Warning Marks(Signs).

- Removing the warning signs without permission may cause an accident due to the failure to see the warning.
- Please do not cover the warning signs of the motorized module with nearby machines or materials.
- Be sure that the pattern and the text of warning markings are clearly visible from outside the safety barrier.

Precautions for Use

1.10 Combining Prevention and Protection.

- To prevent electric shock, be sure to ground the motorized module and controllers.

1.11 Pay Attention to the Setting of Parameters.

- Allowing inertia factor and apex mass, please maintain the acceleration motion of the motorized module properly. If it can not be maintained, it will cause the early life declined, breakage and timing residual vibration of the drive unit.

⚠ CAUTIONS:

2. Safety Function of Motorized Module

2.1 The Detection of Overload.

- When the motor is overloaded, please cut off the servo power immediately.

2.2 The Design of Machinical Anti–collision.

- Mechanical anti–collision is set to prevent exceeding the movable range of the axis, and it can be used for emergency stop and safety function when the servo power is cut off for high–speed movement, etc. the rotary axis part has no mechanical anti–collision design. The area limited by mechanical collision can also be called the movable range.

2.3 The Brakes of Vertical Specifications(Upper and Lower Axis).

- The vertical specification (upper and lower axis) brakes are electromagnetic brakes attached to prevent the slide from slipping when the servo power is disconnected.

⚠WARNINGS:

When the brake is released, the vertical axis will slide down and cause danger.

- Press the emergency stop button and support the vertical axis first, then release the brake.
- When releasing the brake, do not place your body between the vertical axis and the table.

3. Security Measures of the System

- When assembling an automated system that incorporates a motorized module, the system poses more danger than the motorized slide itself. For system manufacturers, it is important to observe the appropriate safety measures for each system.

4. Cautions on Test Run

After the installation, adjustment, inspection, maintenance and repair of the module, please carry out the test run in the following orders.

4.1 The Place where is No Safety Barrier after installation.

To set the isolation belt within the movable range of the equipment to replace the safety fence, please strictly observe the following itmes.

- The pillars of the isolation belt are not easy to move.
- The isolation belt is easy to be identified from the surroundings.
- It is marked in an easy–to–see position that it is prohibited to enter the operation, and irrelevant personnel cannot enter the movable range.

4.2 Confirmations before Plugging in the Controller Power.

Please confirm the following items before plugging in the controller power.

- Whether the motorized module is installed correctly.
- Whether the electrical is installed correctly.
- Whether the connection to ground is appropriate.
- Whether the connection with the surrounding modules is appropriate.
- Whether there are any safety production strategies(safety fence, etc.).
- Whether the installation environment of the modules meet the specific requirements.

4.3 Confirmations after Plugging in the Controller Power.

Please confirm the following items after plugging in the controller power.

- Whether the buttons of start, stop, selection(and etc.) can be activated normally.
- Whether the software limit can be limited by turning each axis.
- Whether the final effect can be carried out through the programming.
- Whether the signal exchange with the surrounding machines and the final effect is normal.
- Whether the emergency stop can work normally.
- Whether the functions of the teach pendant and demonstration are normal.
- Whether the functions of safety protection and connection devices are normal.
- Whether the modules can operate properly when it is automatic operated.

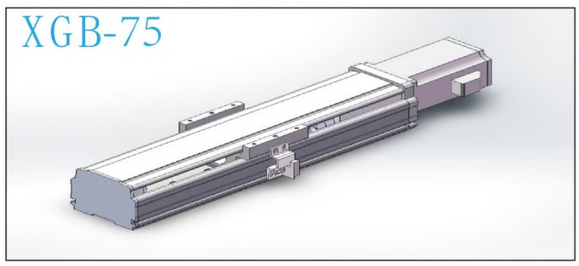
5. Maintenance and Lubrication.

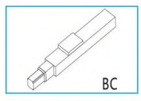
In order to give full play of the function of the module, sufficient lubrication must be carried out. If the lubrication is insufficient, it will increase the wear of the rolling parts and even lead to premature damage. Please avoide mixing lubricants in different states. When using special lubricants, please consult us.

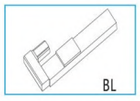
6. The Storage of the Products.

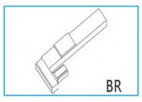
Please strorage the module horizontally if it does not need to be used in a long time. Avoid keeping them in high and low temperature and humid emvironment.

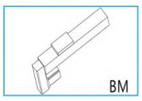
Ball Screw Drive Type (Standard)











75 Representation of the Model Number

XGB – 75 – C10 – L800 – BC – D40B – A3 – T –0001

- XGB
- 75: Body Size
- C10: Screw Pitch(Lead) — G05: 05mm; C10: 10mm; L16: 16mm; C20: 20mm
- L800: Stroke:800mm
- BC: Connection Methods of the Motor — BC: Motor Turned Inside Motor Box; BM: Motor Down Fold; BR: Motor Right Fold; BL: Motor Left Fold
- D40B: Brand and Rate of the Motor

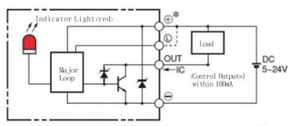
Brand	Power	Brakes
Yaskawa	10:100W	No Marks: Without Brakes
Delta	20:200W	B: With Brakes
Mitsbishi	40:400W	
DIKA	57:57Stepper	
customer prepared		

- A3: Limit Switch(Position and Quantity) — A:Motor Side 1:1 Pcs; B:Motor End 2:2 Pcs; C:None 3:3 Pcs
- T: Installation Methods of the Module — No Marks: Standard Type; T: Customized Type
- 0001: Serial Number
- semi-closed / screw: Normal type

75 Specifications

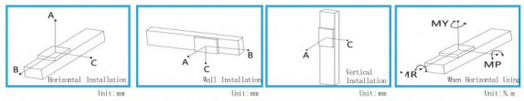
Driving Power(w)	200W			
Rated Torque(N.M)	0.64			
Repeated Positoning Accuracy(MM)	±0.02			
Ball Screw Pitch(Lead)(MM)	5	10	16	20
Max. Speed(MM/S)	250	500	800	1000
Max. Loadable Weight(Kg) Horizontal	30	30	15	10
Max. Loadable Weight(Kg) Vertical	15	10	5	3
Rated Thrust(N)	788	394	246	180
Stroke Range(MM)	100-800 (50mm spacing)			
Ball Screw Diameter	Diameter Φ16mm, Grade C7			
Linear Guide	MGW 12H			
Couplings	ϕ 14* ϕ 10			
Sensor	External EE-SX672P(PNP)			

75 Wiring Diagram of Sensor



*Different products have different arrangement of the terminal. Please check the drawing of dimensions for a reference.

75 Permissible Carring Weight



Horizental Installation	A	B	C
Load 10Kg	370	35	110
Load 30Kg	160	0	25
Load —	—	—	—
Load 8Kg	625	125	336
Load 3Kg	275	40	120
Load 15Kg	215	25	80

Wall Installation	A	B	C
Load 5Kg	200	45	525
Load 10Kg	70	0	240
Load 30Kg	0	0	0
Load 3Kg	290	95	508
Load 8Kg	90	15	208
Load 15Kg	40	0	126

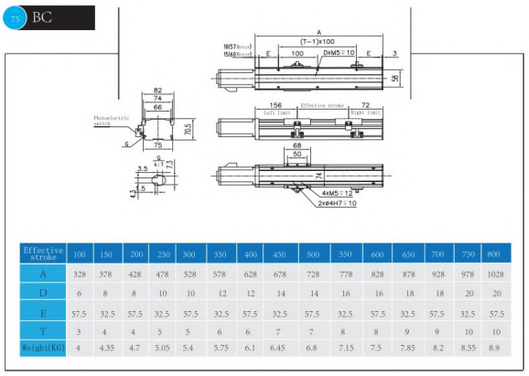
Vertical Installation	A	C
Load 2Kg	170	170
Load 4Kg	70	75
Load 16Kg	25	28
Load 1Kg	350	350
Load 2kg	160	160
Load 5Kg	65	70

MY	15
MP	20
MR	20

75 List of Matched Motors

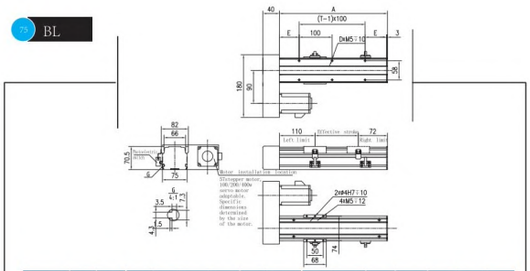
Signature	Brand	Model Number	Brakes	Operating Voltag	Motor Voltage
Y	Yaskawa	SGMJV-02ADA21	Without Brakes	220V	200W
		SGMJV-02ADA2C	With Brakes	220V	200W
D	Delta	ECMA-C10602RS	Without Brakes	220V	200W
		ECMA-C10602SS	With Brakes	220V	200W
S	DIKA	SM60-D200630B	Without Brakes	220V	200W
		SM60-D200630BS	With Brakes	220V	200W

7.3 BC



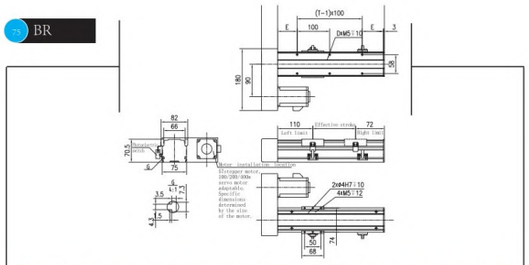
Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A	328	378	428	478	528	578	628	678	728	778	828	878	928	978	1028
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20
E	57.5	32.5	57.5	32.5	57.5	32.5	57.5	32.5	57.5	32.5	57.5	32.5	57.5	32.5	57.5
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10
Weight(KG)	4	4.35	4.7	5.05	5.4	5.75	6.1	6.45	6.8	7.15	7.5	7.85	8.2	8.55	8.9

7.3 BL



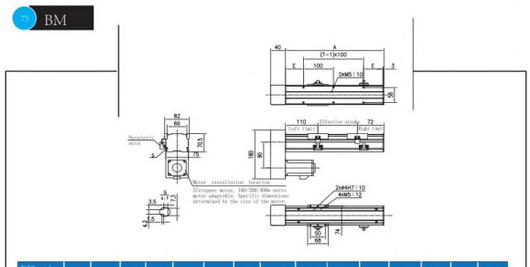
Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A	279	329	379	429	479	529	579	629	679	729	779	829	879	929	979
D	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20
E	38	63	38	63	38	63	38	63	38	63	38	63	38	63	38
T	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10
Weight(KG)	4	4.35	4.7	5.05	5.4	5.75	6.1	6.45	6.8	7.15	7.5	7.85	8.2	8.55	8.9

7.3 BR



Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A	279	329	379	429	479	529	579	629	679	729	779	829	879	929	979
D	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20
E	38	63	38	63	38	63	38	63	38	63	38	63	38	63	38
T	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10
Weight(KG)	4	4.35	4.7	5.05	5.4	5.75	6.1	6.45	6.8	7.15	7.5	7.85	8.2	8.55	8.9

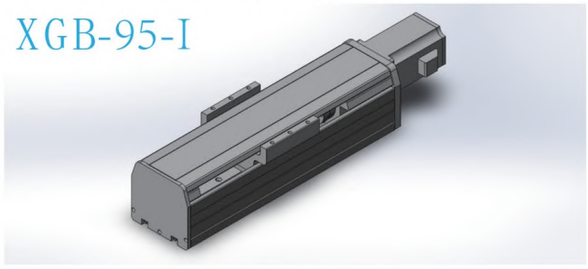
7.3 BM

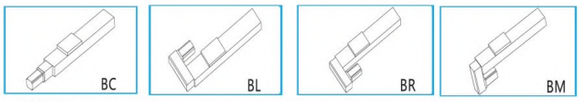


Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A	279	329	379	429	479	529	579	629	679	729	779	829	879	929	979
D	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20
E	38	63	38	63	38	63	38	63	38	63	38	63	38	63	38
T	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10
Weight(KG)	4	4.35	4.7	5.05	5.4	5.75	6.1	6.45	6.8	7.15	7.5	7.85	8.2	8.55	8.9

Ball Screw Drive Type (Standard)

XGB-95-I





9.5-I Representation of the Model Number

XGB - 95-I - C10 - L800 - BC - D40B - A3 - T -0001

- XGB
- 95-I: Body Size
- Normal type
- screw
- semi-closed
- C10: Screw Pitch(Lead)
  - C05 05mm
  - C10 10mm
  - C16 16mm
  - C20 20mm
- L800: Stroke:800mm
- BC: Connection Methods of the Motor
  - BM Motor Down Fold
  - BR Motor Right Fold
  - BL Motor Left Fold
- D40B: Brand and Rate of the Motor

Brand	Power	Brakes
Yaskawa	10:100W	No Marks: Without Brakes
Delta	20:200W	B: With Brakes
Mitshibi	40:400W	
DIKA	57:575Stepper	
customer prepared		

- A3: Limit Switch(Position and Quantity)

A:Motor Side	1:1 Pcs
B:Motor End	2:2 Pcs
C:None	3:3 Pcs

- T: Installation Methods of the Module

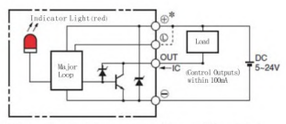
No Marks	Standard Type
T	Customized Type

- 0001: Serial Number

95-I Specifications

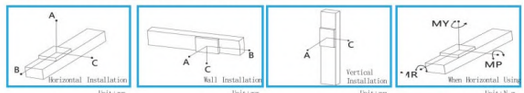
Driving Power(w)	200W			
Rated Torque(N.M)	0.64			
Repeated Positioning Accuracy(MM)	±0.02			
Ball Screw Pitch(Leady)(MM)	5	10	16	20
Max. Speed(MM/S)	250	500	800	1000
Max. Loadable Weight(Kg) Horizontal	50	28	20	15
Max. Loadable Weight(Kg) Vertical	20	15	12	8
Rated Thrust(N)	788	394	246	180
Stroke Range(MM)	100-800(50mm spacing)			
Ball Screw Diameter	Diameter Φ16mm, Grade C7			
Linear Guide	EGW20			
Couplings	ϕ 14* ϕ 10			
Sensor	External EE-SX672P(PNP)			

95-I Wiring Diagram of Sensor



*Different products have different arrangement of the terminal. Please check the drawing of dimensions for a reference.

95-I Permissible Carring Weight



Unit: mm

Horizontal Installation	A	B	C
Load A 30Kg	425	25	28
Load B 50Kg	0	0	0
Load C —	-	-	-
Load D 15Kg	625	125	336
Load E 25Kg	275	40	120
Load F 30Kg	215	25	80
Load G 5Kg	940	280	260
Load H 10Kg	490	120	115
Load I 22Kg	235	40	45

Wall Installation	A	B	C
Load A 10Kg	100	50	1395
Load B 20Kg	20	0	540
Load C 30Kg	0	0	0
Load D 10Kg	98	48	545
Load E 20Kg	20	0	220
Load F 30Kg	0	0	0
Load G 5Kg	113	60	600
Load H 10Kg	25	0	250
Load I 22Kg	0	0	0

Unit: mm

Vertical Installation	A	C
Load A 5Kg	100	140
Load B 10Kg	55	95
Load C 12Kg	20	60
Load D 4Kg	330	370
Load E 6kg	140	180
Load F 8Kg	95	135
Load G 1kg	615	615
Load H 2kg	675	675
Load I 5Kg	310	345

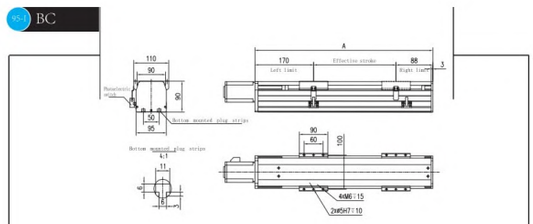
Unit: X m

MY	105(N)
MP	105(N)
MR	115(N)

95-I List of Matched Motors

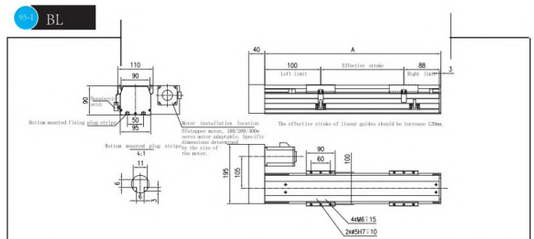
Signature	Brand	Model Number	Brakes	Operating Voltag	Motor Voltage
Y	Yaskawa	SGMJV-02ADA21	Without Brakes	220V	200W
		SGMJV-02ADA2C	With Brakes	220V	200W
D	Delta	ECMA-C10602RS	Without Brakes	220V	200W
		ECMA-C10602SS	With Brakes	220V	200W
S	DIKA	SM60-D200630B	Without Brakes	220V	200W
		SM60-D200630BS	With Brakes	220V	200W

95-I BC



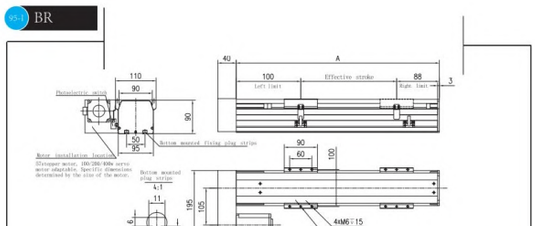
Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A	358	408	458	508	558	608	658	708	758	808	858	908	958	1008	1058
D															
E															
T															
Weight(KG)	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12

95-I BL



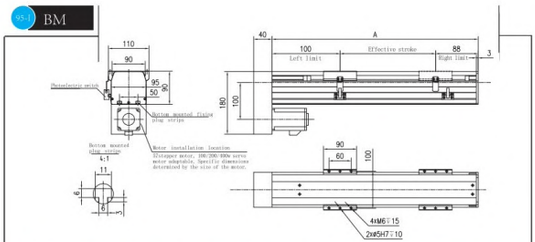
Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A	288	338	388	438	488	538	588	638	688	738	788	838	888	938	988
D															
E															
T															
Weight(KG)	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12

95-I BR



Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A	288	338	388	438	488	538	588	638	688	738	788	838	888	938	988
D															
E															
T															
Weight(KG)	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12

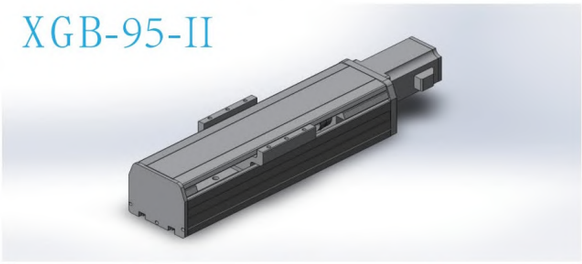
95-I BM

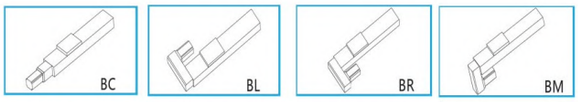


Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A	288	338	388	438	488	538	588	638	688	738	788	838	888	938	988
D															
E															
T															
Weight(KG)	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12

Ball Screw Drive Type (Standard)

XGB-95-II





95-I Representation of the Model Number

XGB - 95-II - C10 - L800 - BC - D40B - A3 - T -0001

- XGB
- 95-II: Body Size
- semi-closed
- screw
- Normal type
- C10: Screw Pitch(Lead)
  - C05 05mm
  - C10 10mm
  - C16 16mm
  - C20 20mm
- L800: Stroke:800mm
- BC: Connection Methods of the Motor
  - BC Motor Installation Outside
  - BM Motor Down Fold
  - BR Motor Right Fold
  - BL Motor Left Fold
- D40B: Brand and Rate of the Motor

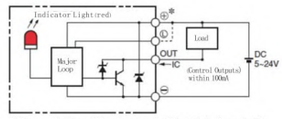
Brand	Power	Brakes
Yaskawa	10:100W	B: Brake, Without Brakes
Delta	20:200W	B: With Brakes
Mitsubishi	40:400W	
DIKA	57:57Stepper	
customer prepared		

- A3: Limit Switch(Position and Quantity)
  - A: Motor Side 1:1 Pcs
  - B: Motor End 2:2 Pcs
  - C: None 3:3 Pcs
- T: Installation Methods of the Module
  - No Marks: Standard Type
  - T: Customized Type
- 0001: Serial Number

95-II Specifications

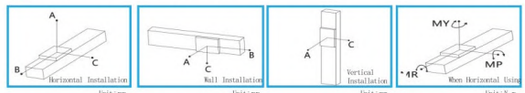
Driving Power(w)	200W				
Rated Torque(N.M)	0.64				
Repeat Positioning Accuracy(MM)	±0.02				
Ball Screw Pitch(Lead)(MM)	5	10	16	20	
Max. Speed(MM/S)	250	500	800	1000	
Max. Loadable Weight(Kg)	Horizontal	50	28	20	15
	Vertical	20	15	12	8
Rated Thrust(N)	788	394	246	180	
Stroke Range(MM)	100~800 (50mm spacing)				
Ball Screw Diameter	Diameter Φ16mm, Grade C7				
Linear Guide	EGH15				
Couplings	Φ 14* Φ 10				
Sensor	External EE-SX672P(PNP)				

95-II Wiring Diagram of Sensor



*Different products have different arrangement of the terminal. Please check the drawing of dimensions for a reference.

95-II Permissible Carring Weight



Unit:mm

Horizontal Installation	A	B	C
Load 3	30Kg	425	25	26
	50Kg	0	0	0
	—	-	-	-
Load 10	15Kg	625	125	336
	25Kg	275	40	120
	30Kg	215	25	80
	5Kg	940	280	260
Load 16	10Kg	490	120	115
	22Kg	235	40	45

Wall Installation	A	B	C
Load 3	10Kg	100	50	1395
	20Kg	20	0	540
	30Kg	0	0	0
Load 10	10Kg	98	48	545
	20Kg	20	0	220
	30Kg	0	0	0
Load 16	5Kg	115	60	600
	10Kg	25	0	250
	22Kg	0	0	0

Vertical Installation	A	C
Load 3	5Kg	100	140
	10Kg	35	95
	12Kg	20	60
Load 10	4Kg	330	370
	6Kg	140	180
	8Kg	95	135
Load 16	1Kg	615	615
	2Kg	675	675
	5Kg	310	345

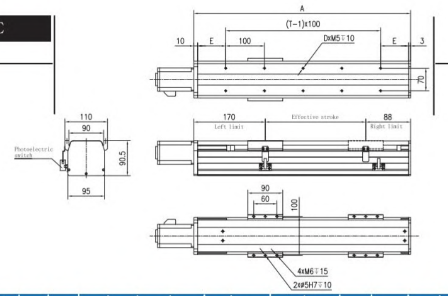
Unit:N.m

MY	105(N)
MP	105(N)
MR	115(N)

95-II List of Matched Motors

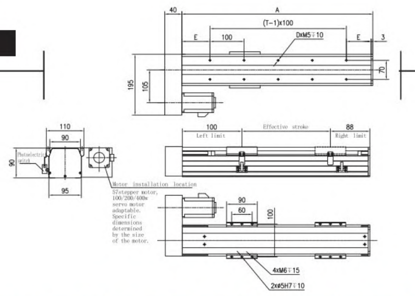
Signature	Brand	Model Number	Brakes	Operating Voltag	Motor Voltage
Y	Yaskawa	SGMJV-02ADA21	Without Brakes	220V	200W
		SGMJV-02ADA2C	With Brakes	220V	200W
D	Delta	ECMA-C10602RS	Without Brakes	220V	200W
		ECMA-C10602SS	With Brakes	220V	200W
S	DIKA	SM60-D200630B	Without Brakes	220V	200W
		SM60-D200630BS	With Brakes	220V	200W

BC



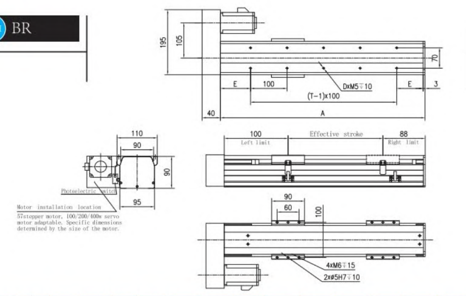
Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A	358	408	458	508	558	608	658	708	758	808	858	908	958	1008	1058
D	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22
E	22.5	54	22.5	54	22.5	54	22.5	54	22.5	54	22.5	54	22.5	54	22.5
T	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11
Weight(KG)	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12

BL



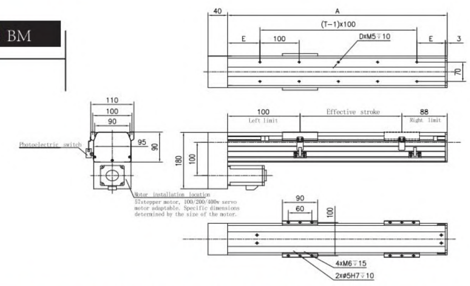
Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A	288	338	388	438	488	538	588	638	688	738	788	838	988	1038	1088
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20
E	44	19	44	19	44	19	44	19	44	19	44	19	44	19	44
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10
Weight(KG)	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12

BR



Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A	288	338	388	438	488	538	588	638	688	738	788	838	988	1038	1088
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20
E	44	19	44	19	44	19	44	19	44	19	44	19	44	19	44
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10
Weight(KG)	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12

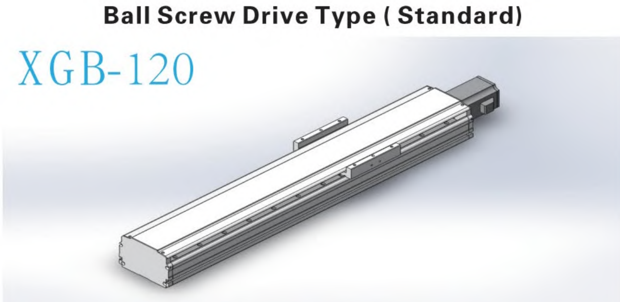
BM

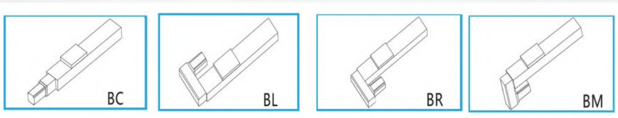


Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A	288	338	388	438	488	538	588	638	688	738	788	838	988	1038	1088
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20
E	44	19	44	19	44	19	44	19	44	19	44	19	44	19	44
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10
Weight(KG)	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12

Ball Screw Drive Type (Standard)

XGB-120





Representation of the Model Number

XGB - 120 - C10 - L1000 - BC - D40B - A3 - T -0001

- XGB: Normal type / screw / semi-closed
- 120: Body Size
- C10: Screw Pitch(Lead)
- L1000: Stroke:1000mm
- BC: Connection Methods of the Motor
- D40B: Brand and Rate of the Motor
- A3: Limit Switch(Position and Quantity)
- T: Installation Methods of the Module
- 0001: Serial Number

Screw Pitch(Lead)

C05	05mm
C10	10mm
C16	16mm
C20	20mm

Connection Methods of the Motor

BC	Motor Installation Outside
BM	Motor Down Fold
BR	Motor Right Fold
BL	Motor Left Fold

Brand and Rate of the Motor

Brand	Power	Brakes
Yaskawa	10:100W	No Marks: Without Brakes
Delta	20:200W	B: With Brakes
Mitsbishi	40:400W	
DIKA	57:57Stepper	
customer prepared		

Limit Switch(Position and Quantity)

A: Motor Side	1:1 Pcs
B: Motor End	2:2 Pcs
C: None	3:3 Pcs

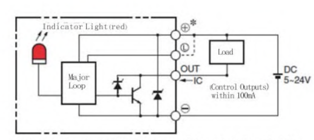
Installation Methods of the Module

No Marks	Standard Type
T	Customized Type

Specifications

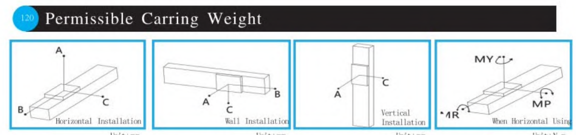
Driving Power(w)		400W			
Rated Torque(N.M)		1.27			
Repeated Positioning Accuracy(MM)		±0.02			
Ball Screw Pitch(Lead)(MM)		5	10	16	20
Max. Speed(MM/S)		250	500	800	1000
Max. Loadable Weight(Kg)	Horizontal	80	50	36	30
	Vertical	32	20	18	12
Rated Thrust(N)		564	782	488	358
Stroke Range(MM)		100-1000(50mm spacing)			
Ball Screw Diameter		Diameter Φ16mm, Grade C7			
Linear Guide		EGH15			
Couplings		ϕ14*ϕ10			
Sensor		External EE-SX672P(PNP)			

Wiring Diagram of Sensor



*Different products have different arrangement of the terminal. Please check the drawing of dimensions for a reference.

Permissible Carring Weight



Unit: mm

Horizontal Installation		A	B	C
Lead 5	30Kg	1190	160	310
	50Kg	1090	125	125
	—	-	-	-
Lead 10	15Kg	995	185	245
	25Kg	895	40	170
	30Kg	845	125	120
Lead 16	5Kg	2155	1370	980
	10Kg	1200	460	425
	22Kg	1270	240	290

Unit: mm

Wall Installation		A	B	C
Lead 5	10Kg	125	60	795
	20Kg	68	28	595
	30Kg	50	15	480
Lead 10	10Kg	250	180	695
	20Kg	150	80	510
	30Kg	70	30	420
Lead 16	5Kg	1070	970	1580
	10Kg	400	280	780
	22Kg	220	105	680

Unit: mm

Vertical Installation		A	C
Lead 5	5Kg	410	400
	10Kg	390	360
	12Kg	355	355
Lead 10	4Kg	710	580
	6kg	535	415
	8Kg	410	380
Lead 16	1kg	120 5	1205
	2kg	117 5	1175
	5Kg	645	645

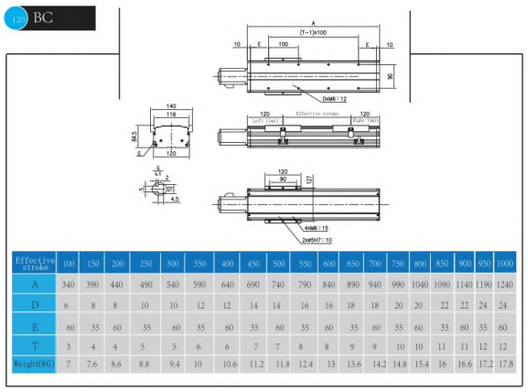
Unit: N.m

MY	145
MP	145
MR	125

List of Matched Motors

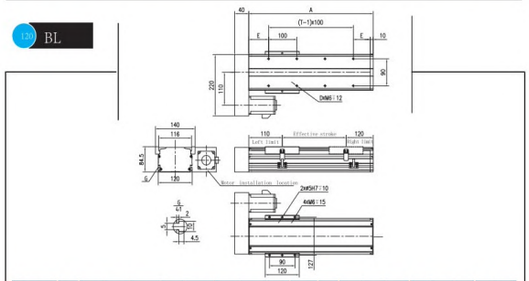
Signature	Brand	Model Number	Brakes	Operating Voltag	Motor Voltage
Y	Yaskawa	SGMJV-04ADA21	Without Brakes	220V	400W
		SGMJV-04ADA2C	With Brakes	220V	400W
D	Delta	ECMA-C10604RS	Without Brakes	220V	400W
		ECMA-C10604SS	With Brakes	220V	400W
S	DIKA	SM60-D401330B	Without Brakes	220V	400W
		SM60-D401330BS	With Brakes	220V	400W

120 BC



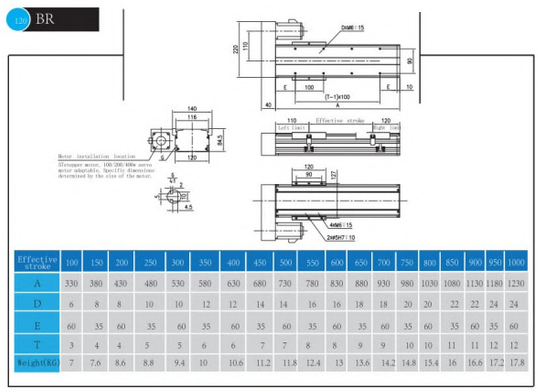
Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
A	340	390	440	490	540	590	640	690	740	790	840	890	940	990	1040	1090	1140	1190	1240
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24
E	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12
Weight(KG)	7	7.6	8.6	8.8	9.4	10	10.6	11.2	11.8	12.4	13	13.6	14.2	14.8	15.4	16	16.6	17.2	17.8

120 BL



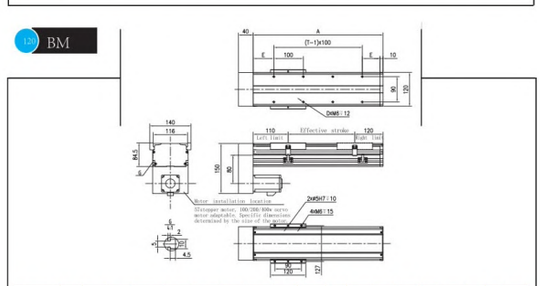
Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
A	330	380	430	480	530	580	630	680	730	780	830	880	930	980	1030	1080	1130	1180	1230
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24
E	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12
Weight(KG)	7	7.6	8.6	8.8	9.4	10	10.6	11.2	11.8	12.4	13	13.6	14.2	14.8	15.4	16	16.6	17.2	17.8

120 BR



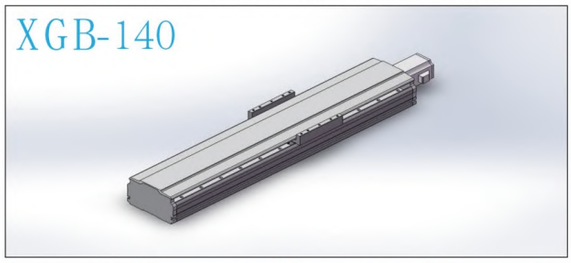
Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
A	330	380	430	480	530	580	630	680	730	780	830	880	930	980	1030	1080	1130	1180	1230
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24
E	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12
Weight(KG)	7	7.6	8.6	8.8	9.4	10	10.6	11.2	11.8	12.4	13	13.6	14.2	14.8	15.4	16	16.6	17.2	17.8

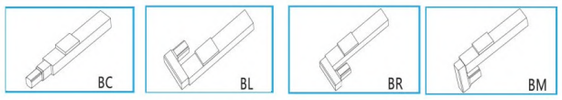
120 BM



Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
A	330	380	430	480	530	580	630	680	730	780	830	880	930	980	1030	1080	1130	1180	1230
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24
E	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12
Weight(KG)	7	7.6	8.6	8.8	9.4	10	10.6	11.2	11.8	12.4	13	13.6	14.2	14.8	15.4	16	16.6	17.2	17.8

Ball Screw Drive Type (Standard)





140 Representation of the Model Number

XGB - 140 - C10 - L1000 - BC - D40B - A3 - T -0001

- XGB: Normal type
- 140: Body Size
- C10: Screw Pitch (Lead)
  - C05 05mm
  - C10 10mm
  - C20 20mm
- L1000: Stroke: 1000mm
- BC: Connection Methods of the Motor
  - BC Motor Bend Fold
  - BM Motor Down Fold
  - BR Motor Right Fold
  - BL Motor Left Fold
- D40B: Brand and Rate of the Motor

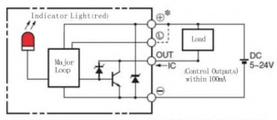
Brand	Power	Brakes
Yaskawa	10:100W	No Marks: Without Brakes
Delta	20:200W	B: With Brakes
Mitsbishi	40:400W	
DIKA	75:750W	
customer prepared	82:850W	

- A3: Limit Switch(Position and Quantity)
  - A1: Motor Side 1:1 Pcs
  - B: Motor End 2:2 Pcs
  - C: None 3:3 Pcs
- T: Installation Methods of the Module
  - No Marks: Standard Type
  - T: Customized Type
- 0001: Serial Number

140 Specifications

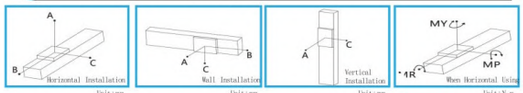
Driving Power(w)	400W			
Rated Torque(N.M)	1.27			
Repeat Positioning Accuracy(MM)	±0.02			
Ball Screw Pitch(Lead)(MM)	5	10	20	
Max. Speed(MM/S)	250	500	1000	
Max. Loadable Weight(Kg)	Horizontal	150	80	30
	Vertical	40	20	10
Rated Thrust(N)	1564	782	391	
Stroke Range(MM)	100-1200(50mm spacing)			
Ball Screw Diameter	Diameter Φ20mm, Grade C7			
Linear Guide	HGH20			
Couplings	ϕ 14* ϕ 12			
Sensor	External EE-SX672P(PNP)			

140 Wiring Diagram of Sensor



*Different products have different arrangement of the terminal. Please check the drawing of dimensions for a reference

140 Permissible Carring Weight



Unit:mm

Horizontal Installation	A	B	C
60Kg	2450	315	320
80Kg	2200	250	260
95Kg	2000	205	220
30Kg	1960	365	330
50Kg	1660	365	330
75Kg	1720	250	240
10Kg	2260	670	960
20Kg	1400	850	530
25Kg	1050	450	330

Wall Installation	A	B	C
60Kg	605	110	1390
80Kg	130	60	1110
95Kg	90	25	890
30Kg	415	330	1280
50Kg	235	160	930
75Kg	130	60	750
10Kg	900	220	1710
20Kg	515	560	985
35Kg	270	230	640

Vertical Installation	A	C
20Kg	760	615
25Kg	610	490
27Kg	500	480
10Kg	1365	1100
15kg	900	725
18Kg	670	540
6kg	1695	1360
-	-	-
-	-	-

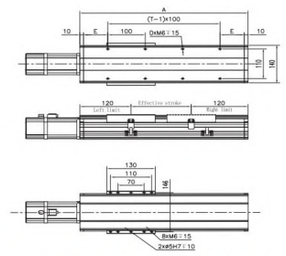
Unit:N.m

MY	550
MP	550
MR	480

140 List of Matched Motors

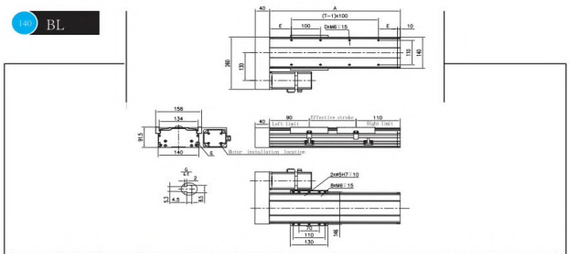
Signature	Brand	Model Number	Brakes	Operating V	diag	Motor V
Y	Yaskawa	SGMJV-04ADA21	Without Brakes	220V		400W
		SGMJV-04ADA2C	With Brakes	220V		400W
D	Delta	ECMA-C10604RS	Without Brakes	220V		400W
		ECMA-C10604SS	With Brakes	220V		400W
S	DIKA	SM60-D401330B	Without Brakes	220V		400W
		SM60-D401330BS	With Brakes	220V		400W

140 BC



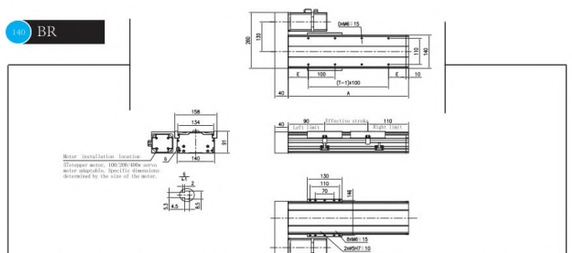
Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
A	340	390	440	490	540	590	640	690	740	790	840	890	940	990	1040	1090	1140	1190	1240	1290	1340	1390	1440
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28
E	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
Weight(KG)	10	10.65	11.3	11.95	12.6	13.25	13.9	14.55	15.2	15.85	16.5	17.15	18.8	18.45	19.1	19.75	20.4	21.05	21.7	22.35	23	23.65	24.3

140 BL



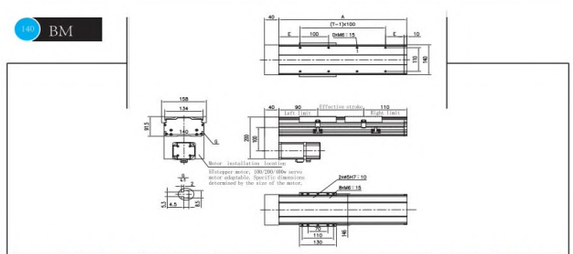
Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
A	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28
E	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
Weight(KG)	10	10.65	11.3	11.95	12.6	13.25	13.9	14.55	15.2	15.85	16.5	17.15	18.8	18.45	19.1	19.75	20.4	21.05	21.7	22.35	23	23.65	24.3

140 BR



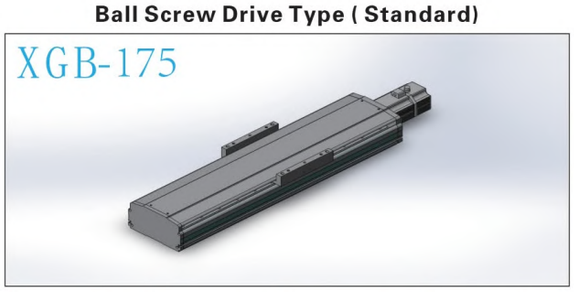
Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
A	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28
E	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
Weight(KG)	10	10.65	11.3	11.95	12.6	13.25	13.9	14.55	15.2	15.85	16.3	17.13	18.8	18.45	19.1	19.75	20.4	21.05	21.7	22.35	23	23.65	24.3

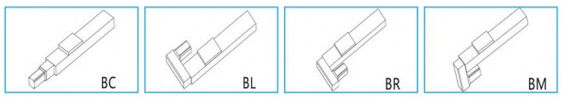
140 BM



Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
A	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28
E	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
Weight(KG)	10	10.65	11.3	11.95	12.6	13.25	13.9	14.55	15.2	15.85	16.3	17.13	18.8	18.45	19.1	19.75	20.4	21.05	21.7	22.35	23	23.65	24.3

Ball Screw Drive Type (Standard)





175 Representation of the Model Number

XGB - 175 - C10 - L1000 - BC - D40B - A3 - T - 0001

- XGB: Normal type
- 175: Body Size
- C10: Screw Pitch(Lead) — C05 05mm; C10 10mm; C25 25mm
- L1000: Stroke:1000mm
- BC: Connection Methods of the Motor — BC Motor Installation Outside; BM Motor Down Fold; BR Motor Right Fold; BL Motor Left Fold
- D40B: Brand and Rate of the Motor

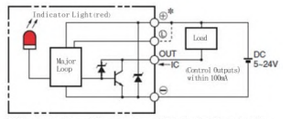
Brand	Power	Brakes
Yaskawa	10-100W	W: Brake, Without Brakes
Delta	20-200W	B: With Brakes
Mitsubishi	40-400W	
DIKA	75-750W	
customer prepared	57-57Stepper	

- A3: Limit Switch(Position and Quantity) — A: Motor Side 3:3 Pcs; B: Motor End 2:2 Pcs; C: None 3:3 Pcs
- T: Installation Methods of the Module — No Mark: Standard Type; T: Customized Type
- 0001: Serial Number
- Screw: semi-closed
- Screw: screw

175 Specifications

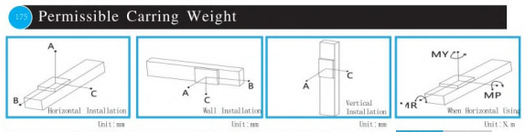
Driving Power(w)	750W			
Rated Torque(N.M)	2.39			
Repeat Positioning Accuracy(MM)	±0.02			
Ball Screw Pitch(Lead)(MM)	5	10	25	
Max. Speed(MM/S)	250	500	1250	
Max. Loadable Weight(Kg)	Horizontal	180	50	85
	Vertical	80	50	25
Rated Thrust(N)	2696	1348	539	
Stroke Range(MM)	100-1600(50mm spacing)			
Ball Screw Diameter	Diameter Φ25mm, Grade C7			
Linear Guide	EGH20			
Couplings	Φ 14* Φ 19			
Sensor	External:BE-5S672P(PNP)			

175 Wiring Diagram of Sensor



※Different products have different arrangement of the terminal. Please check the drawing of dimensions for a reference.

175 Permissible Carring Weight



Unit: mm

Horizontal Installation	A	B	C
60Kg	2978	430	580
100Kg	2000	205	330
110Kg	1850	200	270
60Kg	2435	430	565
75Kg	2005	250	335
90Kg	1850	205	270
10Kg	5450	2640	1980
20Kg	5450	1260	1146
35Kg	5650	640	728

Wall Installation	A	B	C
60Kg	530	350	2440
100Kg	280	165	1990
110Kg	210	120	1840
60Kg	530	250	2440
75Kg	290	180	2005
90Kg	230	130	1850
10Kg	980	2584	3450
20Kg	1278	1240	2342
35Kg	748	642	2475

Vertical Installation	A	C
20Kg	1505	1215
30Kg	1205	985
40Kg	990	960
15Kg	1780	1780
25Kg	1045	1045
30Kg	745	745
15Kg	2341	2267
20Kg	1750	1698
25Kg	1324	1248

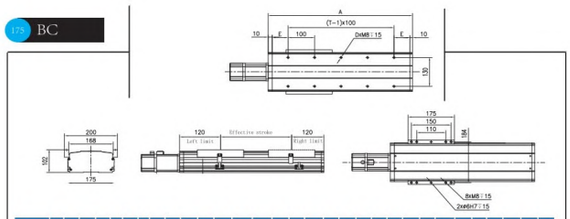
Unit: N.m

MY	1030
MP	1035
MR	910

175 List of Matched Motors

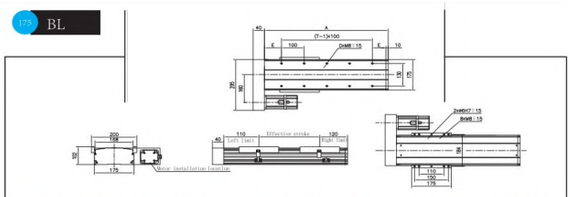
Signature	Brand	Model Number	Brakes	Operating Voltag	Motor Voltage
Y	Yaskawa	SGMJV-08ADA21	Without Brakes	220V	750W
		SGMJV-08ADA2C	With Brakes	220V	750W
D	Delta	ECMA-C10807RS	Without Brakes	220V	750W
		ECMA-C10807SS	With Brakes	220V	750W
S	DIKA	SM80-D752430B	Without Brakes	220V	750W
		SM80-D752430BS	With Brakes	220V	750W

175 BC



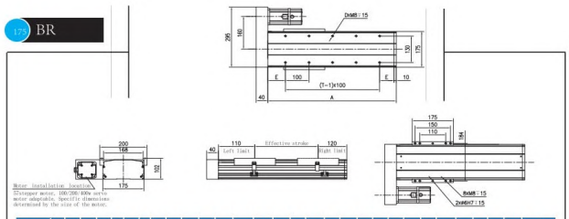
Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
A	340	390	440	490	540	590	640	690	740	790	840	890	940	990	1040	1090	1140	1190	1240	1290	1340	1390	1440	1490	1540	1590	1640	1690	1740	1790	1840
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36
E	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18
Weight(KG)	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5	39.5	40.5	41.5	42.5	43.5	44.5

175 BL



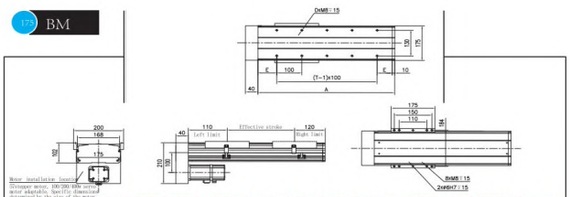
Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
A	330	380	430	480	530	580	630	680	730	780	830	880	930	980	1030	1080	1130	1180	1230	1280	1330	1380	1430	1480	1530	1580	1630	1680	1730	1780	1830
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36
E	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18
Weight(KG)	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5	39.5	40.5	41.5	42.5	43.5	44.5

175 BR



Effective 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	1500	1550	1600
A	330	380	430	480	530	580	630	680	730	780	830	880	930	980	1030	1080	1130	1180	1230	1280	1330	1380	1430	1480	1530	1580	1630	1680	1730	1780	1830
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36
E	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18
Weight(KG)	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5	39.5	40.5	41.5	42.5	43.5	44.5

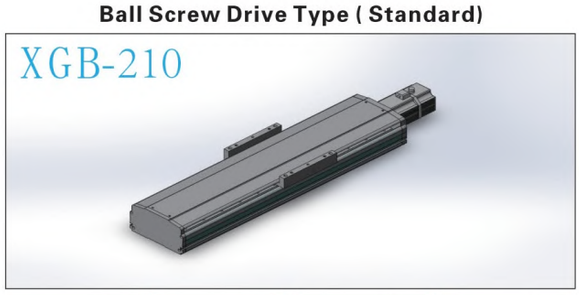
175 BM

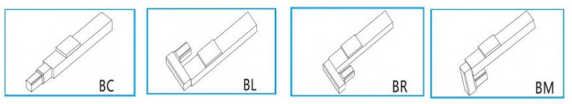


Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
A	330	380	430	480	530	580	630	680	730	780	830	880	930	980	1030	1080	1130	1180	1230	1280	1330	1380	1430	1480	1530	1580	1630	1680	1730	1780	1830
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36
E	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18
Weight(KG)	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5	39.5	40.5	41.5	42.5	43.5	44.5

Ball Screw Drive Type (Standard)

XGB-210





210 Representation of the Model Number

XGB - 210 - C10 - L1200 - BC - D40B - A3 - T -0001

- XGB
- 210: Body Size
- Normal type
- screw
- semi-closed
- C10: Screw Pitch(Lead)
  - C05: 05mm
  - C10: 10mm
  - C25: 25mm
- L1200: Stroke: 1200mm
- BC: Connection Methods of the Motor
  - BC: Motor Installation Outside
  - BM: Motor Down Fold
  - BR: Motor Right Fold
  - BL: Motor Left Fold
- D40B: Brand and Rate of the Motor

Brand	Power	Brakes
Yaskawa	10:100W	B: Works Without Brakes
Delta	20:200W	B: With Brakes
Mitsubishi	40:400W	
DIKA	75:750W	
customer prepared	86:865Stepper	

- A3: Limit Switch(Position and Quantity)

A:Motor Side	1:1 Pcs
B:Motor End	2:2 Pcs
C:None	3:3 Pcs

- T: Installation Methods of the Module

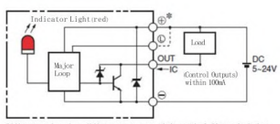
No Marks	Standard Type
T	Customized Type

- -0001: Serial Number

210 Specifications

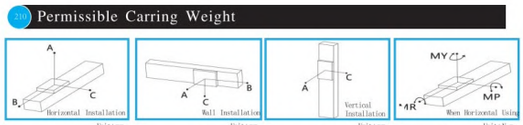
Driving Power(w)	750W		
Rated Torque(N.M)	2.39		
Repeated Positioning Accuracy(MM)	±0.02		
Ball Screw Pitch(Lead)(MM)	5	10	25
Max. Speed(MM/S)	250	500	1250
Max. Loadable Weight(Kg) Horizontal	180	50	85
Max. Loadable Weight(Kg) Vertical	80	50	25
Rated Thrust(N)	2696	1348	539
Stroke Range(MM)	100-1600(50mm spacing)		
Ball Screw Diameter	Diameter Φ25mm, Grade C7		
Linear Guide	EGH20		
Couplings	ϕ 14* ϕ 19		
Sensor	External EE-SX672P(PNP)		

210 Wiring Diagram of Sensor



*Different products have different arrangement of the terminal. Please check the drawing of dimensions for a reference.

210 Permissible Carring Weight



Unit: mm

Horizontal Installation		A	B	C
Load S	60Kg	2973	430	580
	100Kg	2000	205	330
	110Kg	1850	200	270
Load D	60Kg	2435	430	565
	75Kg	2005	250	335
	90Kg	1850	205	270
Load T	105Kg	5450	2640	1980
	20Kg	5450	1260	1148
	35Kg	2650	640	728

Unit: mm

Wall Installation		A	B	C
Load S	60Kg	530	350	2440
	100Kg	280	165	1990
	110Kg	210	120	1840
Load D	60Kg	530	250	2440
	75Kg	290	180	2003
	90Kg	230	130	1850
Load T	105Kg	980	1584	3450
	20Kg	1278	1240	2542
	35Kg	748	642	2475

Unit: mm

Vertical Installation		A	C
Load S	20Kg	1505	1213
	30Kg	1205	985
	40Kg	990	980
Load D	15Kg	1780	1780
	25Kg	1045	1045
	30Kg	745	745
Load T	15Kg	2341	2287
	20Kg	1750	1698
	25Kg	1324	1248

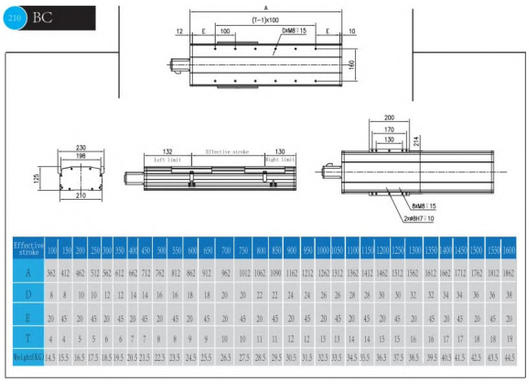
Unit: X m

MY	1030
MP	1035
MR	910

210 List of Matched Motors

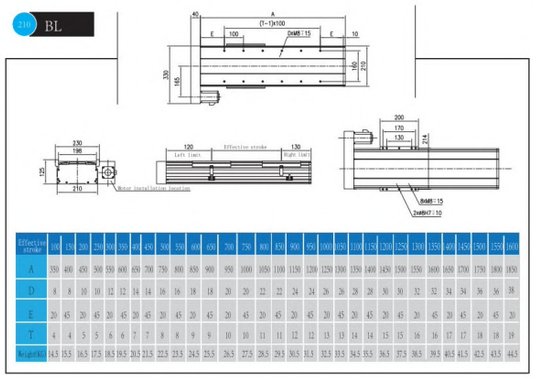
Signature	Brand	Model Number	Brakes	Operating Voltag	Motor Voltage
Y	Yaskawa	SGMJV-08ADA21	Without Brakes	220V	750W
		SGMJV-08ADA2C	With Brakes	220V	750W
D	Delta	ECMA-C10807RS	Without Brakes	220V	750W
		ECMA-C10807SS	With Brakes	220V	750W
S	DIKA	SM80-D752430B	Without Brakes	220V	750W
		SM80-D752430BS	With Brakes	220V	750W

210 BC



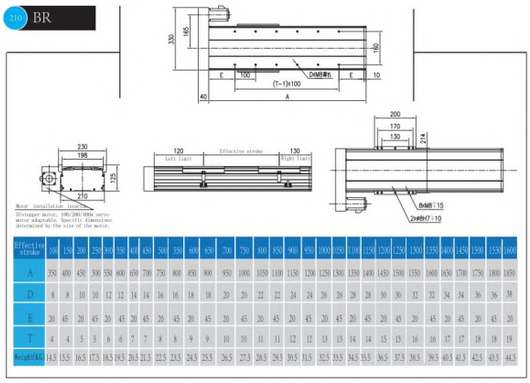
Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
A	362	412	462	512	562	612	662	712	762	812	862	912	962	1012	1062	1112	1162	1212	1262	1312	1362	1412	1462	1512	1562	1612	1662	1712	1762	1812	1862
D	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38
E	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20
T	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19
Weight(KG)	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5	39.5	40.5	41.5	42.5	43.5	44.5

210 BL



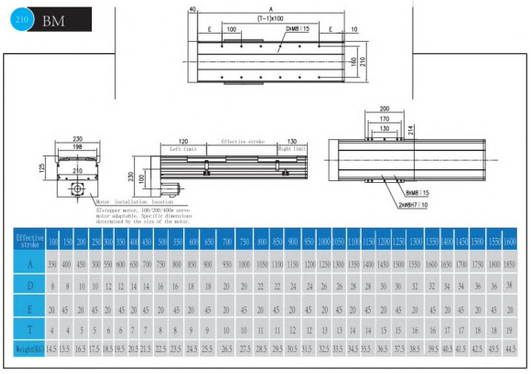
Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
A	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850
D	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38
E	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20
T	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19
Weight(KG)	14.3	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5	39.5	40.5	41.5	42.5	43.5	44.5

210 BR



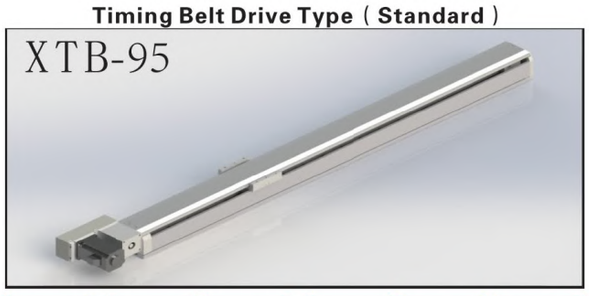
Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
A	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850
D	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38
E	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20
T	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19
Weight(KG)	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5	39.5	40.5	41.5	42.5	43.5	44.5

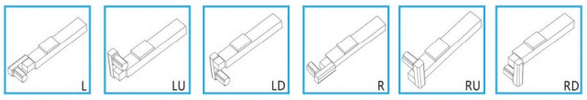
210 BM



Effective 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	1500	1550	1600
A	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850
D	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38
E	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20
T	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19
Weight(KG)	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5	39.5	40.5	41.5	42.5	43.5	44.5

Timing Belt Drive Type（Standard）





95-I Representation of the Model Number

XTB - 95-I - P50 - L2500 - L - D40B - A3 - T -0001

- XTB: Normal type
- 95-I: Body Size
- I: Belt; S: semi-closed
- P50: Lead 50 = 50mm
- L2500: Stroke: 2500mm
- L: Connection Methods of the Motor
  - L: Left Connection
  - LU: Left Upper Connection
  - LD: Left Bottom Connection
  - R: Right Connection
  - RU: Right Upper Connection
  - RD: Left Bottom Connection
- D40B: Brand and Rate of the Motor

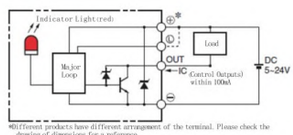
Brand	Power	Brakes
Yaskawa	10:100W	No Marks: Without Brakes
Delta	20:200W	B: With Brakes
Mitshibi	40:400W	
DIKA	57:57Stepper	
customer prepared		

- A: Limit Switch(Position and Quantity)
  - A: Motor Side 1:1 Pcs
  - B: Motor End 2:2 Pcs
  - C: None 3:3 Pcs
- A3: Installation Methods of the Module
  - A3: Standard Type
  - T: Customized Type
- T: Material of Timing Belt
  - P: Polyurethane
  - R: Rubber
- 0001: Serial Number

95-I Specifications

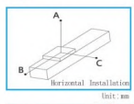
Driving Power(w)		200W
Rated Torque(N.M)		0.64
Repeated Positioning Accuracy(MM)		± 0.04
Lead (MM)		50
Max. Speed(MM/S)		2000
Max. Loadable Weight(Kg)	Horizontal	10
	Vertical	
Rated Thrust(N)		98
Stroke Range(MM)		100-2500 (50mm spacing)
Width of Timing Belt(mm)		25
Linear Guide		EGW20
Sensor		External EE-SX672P(PNP)

95-I Wiring Diagram of Sensor



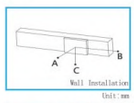
*Different products have different arrongement of the terminal. Please check the drawing of dimensions for a reference.

95-I Permissible Carring Weight



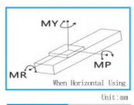
Unit: mm

Horizontal Installation	A	B	C
5Kg	1350	720	550
8Kg	1000	400	350
10Kg	900	300	300



Unit: mm

Wall Installation	A	B	C
10Kg	550	720	1350
20Kg	850	400	1000
30Kg	900	300	900



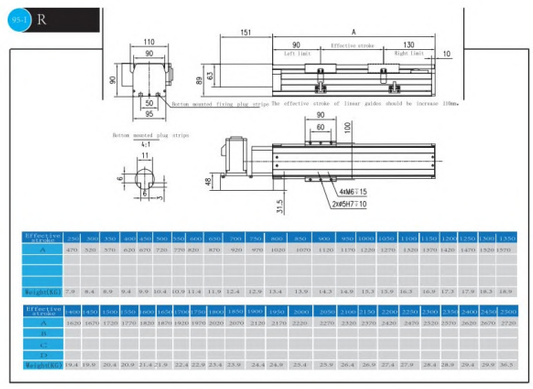
Unit: mm

MY	105
MP	105
MR	110

95-I List of Matched Motors

Signature	Brand	Model Number	Brakes	Operating Voltag	Motor Voltage
Y	Yaskawa	SGMJV-02ADA21	Without Brakes	220V	200W
		SGMJV-02ADA2C	With Brakes	220V	200W
D	Delta	ECMA-C10602RS	Without Brakes	220V	200W
		ECMA-C10602SS	With Brakes	220V	200W
S	DIKA	SM60-D200630B	Without Brakes	220V	200W
		SM60-D200630BS	With Brakes	220V	200W

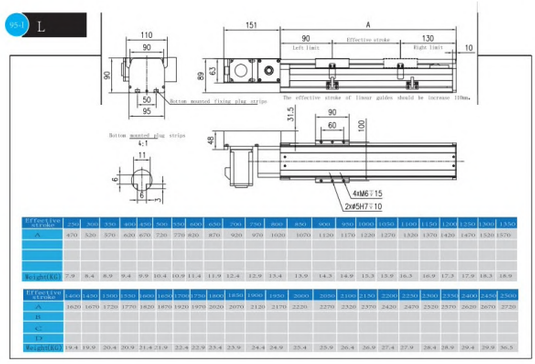
95-I R



Effective stroke	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
A	470	520	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420	1470	1520	1570
Weight(KG)	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.3	14.9	15.3	15.9	16.3	16.9	17.3	17.9	18.3	18.9

Effective stroke	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
A	1620	1670	1720	1770	1820	1870	1920	1970	2020	2070	2120	2170	2220	2270	2320	2370	2420	2470	2520	2570	2620	2670	2720
B																							
C																							
D																							
Weight(KG)	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.5

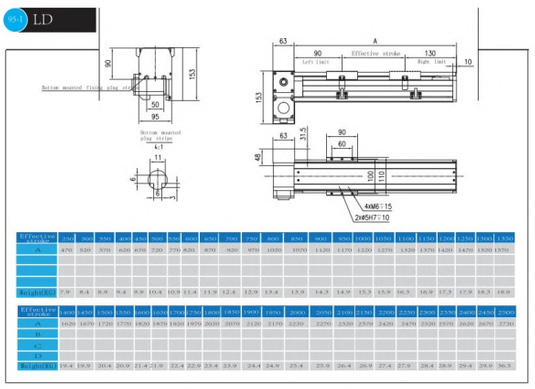
95-I L



Effective stroke	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
A	470	520	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420	1470	1520	1570
Weight(KG)	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.3	14.9	15.3	15.9	16.3	16.9	17.3	17.9	18.3	18.9

Effective stroke	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
A	1620	1670	1720	1770	1820	1870	1920	1970	2020	2070	2120	2170	2220	2270	2320	2370	2420	2470	2520	2570	2620	2670	2720
B																							
C																							
D																							
Weight(KG)	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.5

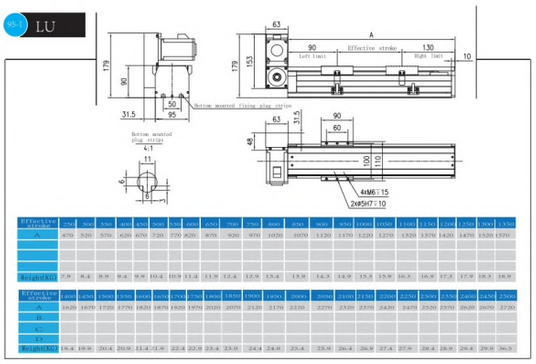
95-I LD



Effective stroke	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
A	470	520	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420	1470	1520	1570
Weight(KG)	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.3	14.9	15.3	15.9	16.3	16.9	17.3	17.9	18.3	18.9

Effective stroke	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
A	1620	1670	1720	1770	1820	1870	1920	1970	2020	2070	2120	2170	2220	2270	2320	2370	2420	2470	2520	2570	2620	2670	2720
B																							
C																							
D																							
Weight(KG)	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.5

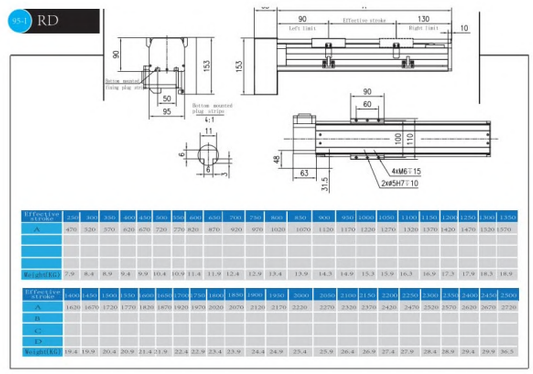
95-I LU



Effective stroke	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
A	470	520	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420	1470	1520	1570
Weight(KG)	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.3	14.9	15.3	15.9	16.3	16.9	17.3	17.9	18.3	18.9

Effective stroke	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
A	1620	1670	1720	1770	1820	1870	1920	1970	2020	2070	2120	2170	2220	2270	2320	2370	2420	2470	2520	2570	2620	2670	2720
B																							
C																							
D																							
Weight(KG)	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.5

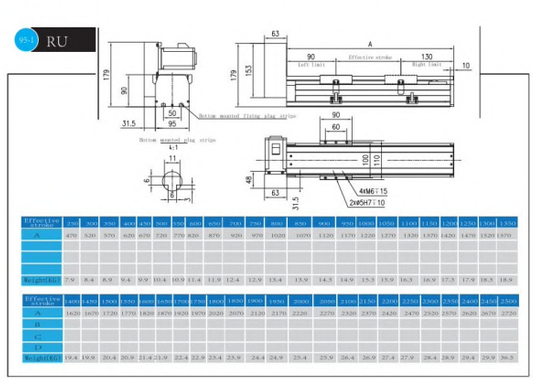
95-I RD



Effective stroke	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
A	470	520	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420	1470	1520	1570
Weight(KG)	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.3	14.9	15.3	15.9	16.3	16.9	17.3	17.9	18.3	18.9

Effective stroke	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
A	1620	1670	1720	1770	1820	1870	1920	1970	2020	2070	2120	2170	2220	2270	2320	2370	2420	2470	2520	2570	2620	2670	2720
B																							
C																							
D																							
Weight(KG)	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.5

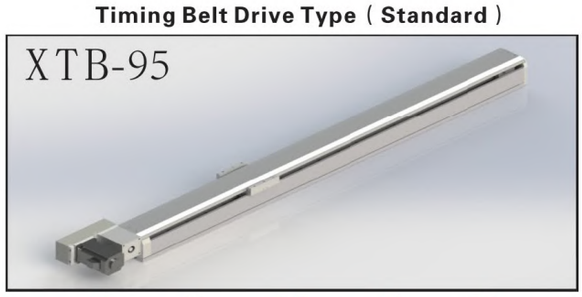
95-I RU

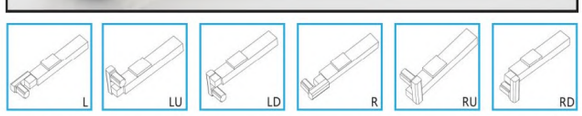


Effective stroke	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
A	470	520	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420	1470	1520	1570
Weight(KG)	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.3	14.9	15.3	15.9	16.3	16.9	17.3	17.9	18.3	18.9

Effective stroke	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
A	1620	1670	1720	1770	1820	1870	1920	1970	2020	2070	2120	2170	2220	2270	2320	2370	2420	2470	2520	2570	2620	2670	2720
B																							
C																							
D																							
Weight(KG)	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.5

Timing Belt Drive Type（Standard）





95-II Representation of the Model Number

XTB - 95-II - P50 - L2500 - L - D40B - A3 - T -0001

- XTB: belt
- 95-II: Body Size
- P50: Lead — 50: 50mm
- L2500: Stroke:2500mm
- L: Connection Method of the Motor
  - L: left Connection
  - LL: Left Upper Connection
  - LD: Left Bottom Connection
  - R: Right Connection
  - RU: Right Upper Connection
  - RD: Left Bottom Connection
- D40B: Brand and Rate of the Motor

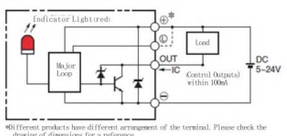
Brand	Power	Brake
Yaskawa	10:100W	A: With Brake, B: With Brake
Delta	20:200W	
Mitshibi	40:400W	
DIKA	57:570Stepper	
customer prepared		

- A3: Limit Switch(Position and Quantity)
  - A: Motor Side 1:1 Pcs
  - B: Motor End 2:2 Pcs
  - C: None 3:3 Pcs
- T: Installation Methods of the Module
  - No Marks: Standard Type
  - T: Customized Type
- 0001: Serial Number
- Material of Timing Belt: P: Polyurethane; R: Rubber
- Normal type
- semi-closed

95-II Specifications

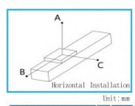
Driving Power(w)		200W
Rated Torque(N.M)		0.64
Repeated Positioning Accuracy(MM)		±0.04
Lead (MM)		50
Max. Speed(MM/S)		2000
Max. Loadable Weight(Kg)	Horizontal	10
	Vertical	
Rated Thrust(N)		98
Stroke Range(MM)		100-2500 (50mm spacing)
Width of Timing Belt(mm)		25
Linear Guide		EGH15
Sensor		External EE-SX672P(PNP)

95-II Wiring Diagram of Sensor



※Different products have different arrangement of the terminal. Please check the drawing of dimensions for a reference.

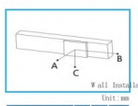
95-II Permissible Carring Weight



Horizontal Installation

Unit: mm

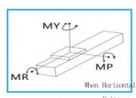
Horizontal Installation	A	B	C
5Kg	1350	720	350
8Kg	1000	400	350
10Kg	900	300	300



Wall Installation

Unit: mm

Wall Installation	A	B	C
10Kg	550	720	1350
20Kg	350	400	1000
30Kg	300	300	900



When Horizontal Using

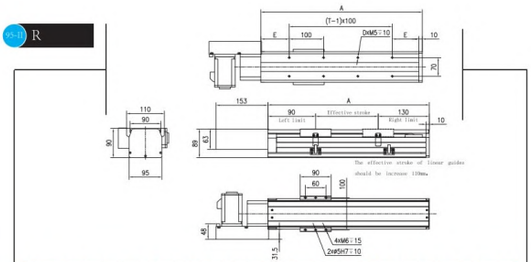
Unit: mm

When Horizontal Using	
MY	105
MP	105
MR	110

95-II List of Matched Motors

Signature	Brand	Model Number	Brakes	Operating Voltag	Motor Voltage
Y	Yaskawa	SGMJV-02ADA21	Without Brakes	220V	200W
		SGMJV-02ADA2C	With Brakes	220V	200W
D	Delta	ECMA-C10602RS	Without Brakes	220V	200W
		ECMA-C10602SS	With Brakes	220V	200W
S	DIKA	SM60-D200630B	Without Brakes	220V	200W
		SM60-D200630BS	With Brakes	220V	200W

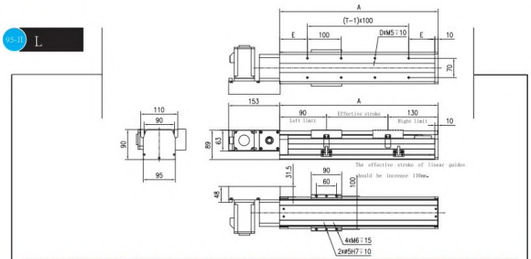
95-II R



R Effective Stroke	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
A	470	520	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420	1470	1520	1570
E	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32
F	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30
H	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16
Weight(KG)	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.3	14.9	15.3	15.9	16.3	16.9	17.3	17.9	18.3	18.9

R Effect Stroke	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
A	1620	1670	1720	1770	1820	1870	1920	1970	2020	2070	2120	2170	2220	2270	2320	2370	2420	2470	2520	2570	2620	2670	2720
E	32	34	34	36	36	38	38	40	40	42	42	44	44	46	46	48	48	50	50	52	52	54	54
F	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55
H	16	17	17	18	18	19	19	20	20	21	21	22	22	23	23	24	24	25	25	26	26	27	27
Weight(KG)	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.5

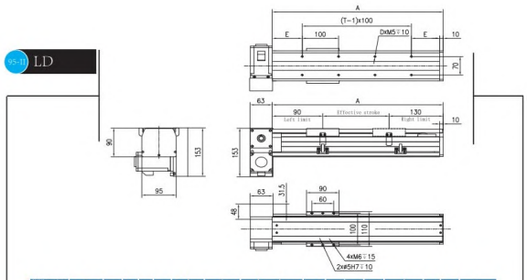
95-II L



L Effect Stroke	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
A	470	520	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420	1470	1520	1570
E	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32
F	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30
H	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16
Weight(KG)	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.3	14.9	15.3	15.9	16.3	16.9	17.3	17.9	18.3	18.9

L Effect Stroke	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
A	1620	1670	1720	1770	1820	1870	1920	1970	2020	2070	2120	2170	2220	2270	2320	2370	2420	2470	2520	2570	2620	2670	2720
E	32	34	34	36	36	38	38	40	40	42	42	44	44	46	46	48	48	50	50	52	52	54	54
F	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55
H	16	17	17	18	18	19	19	20	20	21	21	22	22	23	23	24	24	25	25	26	26	27	27
Weight(KG)	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.5

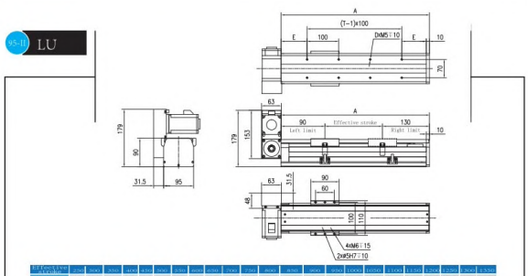
95-II LD



LD Effect Stroke	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
A	470	520	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420	1470	1520	1570
E	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32
F	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30
H	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16
Weight(KG)	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.3	14.9	15.3	15.9	16.3	16.9	17.3	17.9	18.3	18.9

LD Effect Stroke	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
A	1620	1670	1720	1770	1820	1870	1920	1970	2020	2070	2120	2170	2220	2270	2320	2370	2420	2470	2520	2570	2620	2670	2720
E	32	34	34	36	36	38	38	40	40	42	42	44	44	46	46	48	48	50	50	52	52	54	54
F	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55
H	16	17	17	18	18	19	19	20	20	21	21	22	22	23	23	24	24	25	25	26	26	27	27
Weight(KG)	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.5

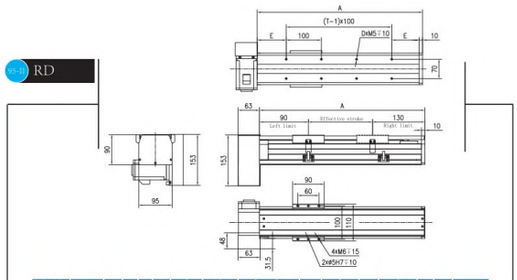
95-II LU



LU Effect Stroke	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
A	470	520	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420	1470	1520	1570
E	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32
F	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30
H	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16
Weight(KG)	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.3	14.9	15.3	15.9	16.3	16.9	17.3	17.9	18.3	18.9

LU Effect Stroke	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
A	1620	1670	1720	1770	1820	1870	1920	1970	2020	2070	2120	2170	2220	2270	2320	2370	2420	2470	2520	2570	2620	2670	2720
E	32	34	34	36	36	38	38	40	40	42	42	44	44	46	46	48	48	50	50	52	52	54	54
F	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55
H	16	17	17	18	18	19	19	20	20	21	21	22	22	23	23	24	24	25	25	26	26	27	27
Weight(KG)	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.5

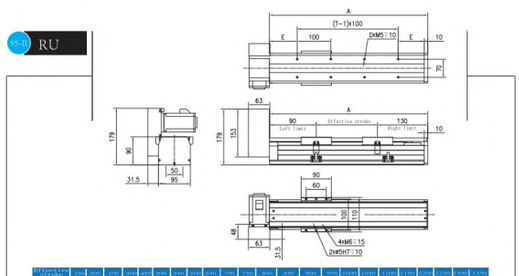
95-II RD



RD Effect Stroke	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
A	470	520	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420	1470	1520	1570
E	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32
F	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30
H	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16
Weight(KG)	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.3	14.9	15.3	15.9	16.3	16.9	17.3	17.9	18.3	18.9

RD Effect Stroke	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
A	1620	1670	1720	1770	1820	1870	1920	1970	2020	2070	2120	2170	2220	2270	2320	2370	2420	2470	2520	2570	2620	2670	2720
E	32	34	34	36	36	38	38	40	40	42	42	44	44	46	46	48	48	50	50	52	52	54	54
F	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55
H	16	17	17	18	18	19	19	20	20	21	21	22	22	23	23	24	24	25	25	26	26	27	27
Weight(KG)	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.5

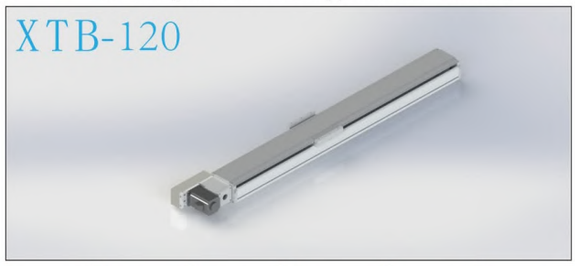
95-II RU

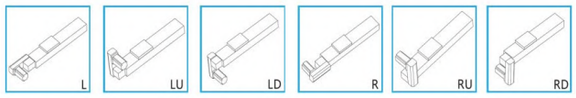


RU Effect Stroke	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
A	470	520	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420	1470	1520	1570
E	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32
F	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30
H	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16
Weight(KG)	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.3	14.9	15.3	15.9	16.3	16.9	17.3	17.9	18.3	18.9

RU Effect Stroke	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
A	1620	1670	1720	1770	1820	1870	1920	1970	2020	2070	2120	2170	2220	2270	2320	2370	2420	2470	2520	2570	2620	2670	2720
E	32	34	34	36	36	38	38	40	40	42	42	44	44	46	46	48	48	50	50	52	52	54	54
F	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55	30	55
H	16	17	17	18	18	19	19	20	20	21	21	22	22	23	23	24	24	25	25	26	26	27	27
Weight(KG)	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.5

Timing Belt Drive Type（Standard）





120 Representation of the Model Number

XTB -120 - P50 - L3750 - L - D40B - A3 - T -0001

- XTB: belt
- -120: Body Size
- P: semi-closed
- 50: Lead 50mm
- L3750: Stroke:3750mm
- L: Normal type
- P: Material of Timing Belt — P Polyurethane; R Rubber
- L: Connection Method of the Motor — L Left Connection; LU Left Upper Connection; LD Left Bottom Connection; R Right Connection; RU Right Upper Connection; RD Left Bottom Connection
- D40B: Brand and Rate of the Motor

Brand	Power	Brakes
Yaskawa	10:100W	No Mark: Without Brakes
Delta	20:200W	B: With Brakes
Mitsubishi	40:400W	
DIKA	57:5736upper	
customer prepared		

- A3: Limit Switch(Position and Quantity)

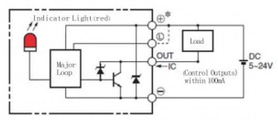
A:Motor Side	1:1 Pcs
B:Motor End	2:2 Pcs
C:None	3:3 Pcs

- T: Installation Methods of the Module — No Mark: Standard Type; T: Customized Type
- 0001: Serial Number

120 Specifications

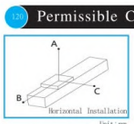
Driving Power(w)		400W
Rated Torque(N.M)		1.27
Repeated Positioning Accuracy(MM)		±0.04
Lead (MM)		50
Max. Speed(MM/S)		2000
Max. Loadable Weight(Kg)	Horizontal	30
	Vertical	
Rated Thrust(N)		195
Stroke Range(MM)		100-3750(50mm spacing)
Width of Timing Belt(mm)		25
Linear Guide		EGH15
Sensor		External EE-SX672P(PNP)

120 Wiring Diagram of Sensor



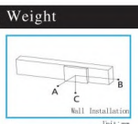
*Different products have different arrangement of the terminal. Please check the drawing of dimensions for a reference.

120 Permissible Carring Weight



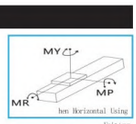
Unit: mm

Horizontal Installation	A	B	C
10Kg	1900	1200	750
20Kg	1300	600	450
25Kg	1200	450	350



Unit: mm

Wall Installation	A	B	C
10Kg	700	800	1300
20Kg	450	450	800
25Kg	300	250	750



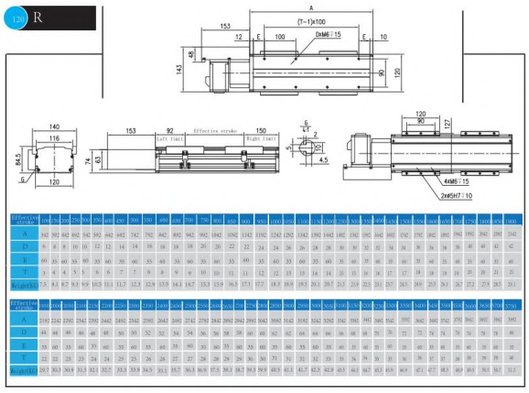
Unit: mm

MY	550
MP	550
MR	450

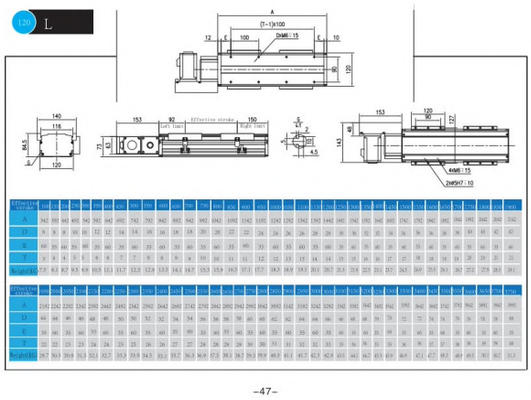
120 List of Matched Motors

Signature	Brand	Model Number	Brakes	Operating Voltag	Motor Voltage
Y	Yaskawa	SGMJV-04ADA21	Without Brakes	220V	400W
		SGMJV-04ADA2C	With Brakes	220V	400W
D	Delta	ECMA-C10604RS	Without Brakes	220V	400W
		ECMA-C10604SS	With Brakes	220V	400W
S	DIKA	SM60-D401330B	Without Brakes	220V	400W
		SM60-D401330BS	With Brakes	220V	400W

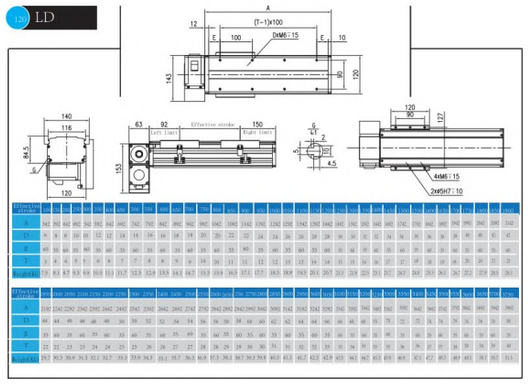
120 R



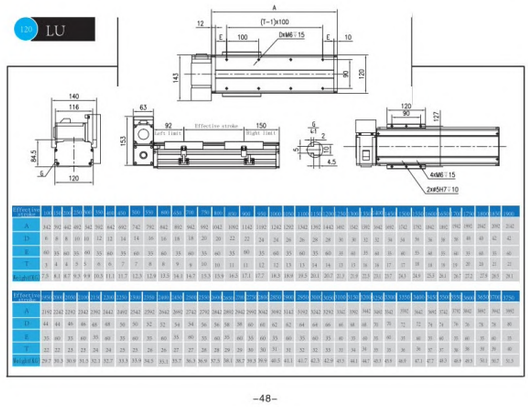
120 L



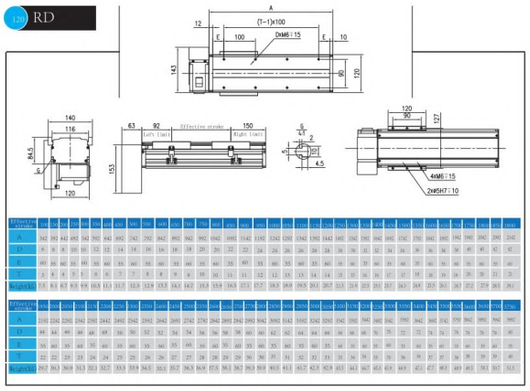
120 LD



120 LU



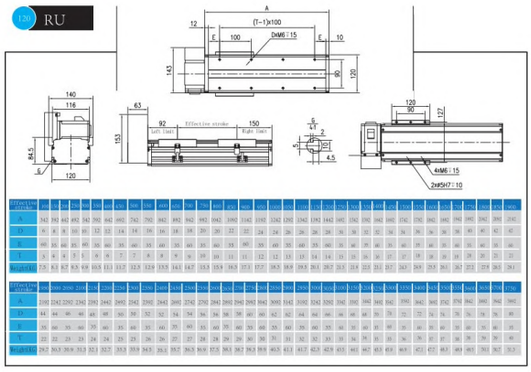
130 RD



Effective stroke	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
A	342	392	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592
B	8	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32
C	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
D	5	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16
Weight(KG)	3.5	4.1	4.5	5.3	5.9	6.6	7.2	8.0	8.6	9.3	9.9	10.7	11.3	12.0	12.6	13.4	14.0	14.7	15.3	16.1	16.7	17.4	18.0	18.8	19.4	20.1

Effective stroke	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700
A	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192	2242	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842
B	32	34	34	36	36	38	38	40	40	42	42	44	44	46	46	48	48	50	50	52	52	54	54	56	56	58
C	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
D	16	17	17	18	18	19	19	20	20	21	21	22	22	23	23	24	24	25	25	26	26	27	27	28	28	29
Weight(KG)	20.7	21.4	22.0	22.8	23.4	24.1	24.7	25.5	26.1	26.8	27.4	28.2	28.8	29.5	30.1	30.9	31.5	32.2	32.8	33.6	34.2	34.9	35.5	36.3	36.9	37.6

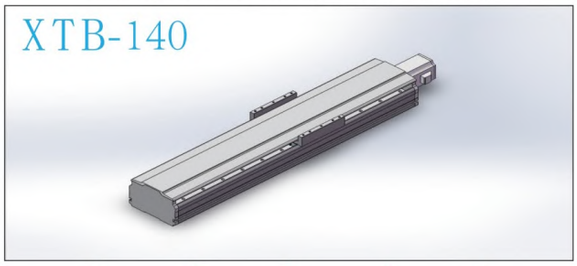
130 RU

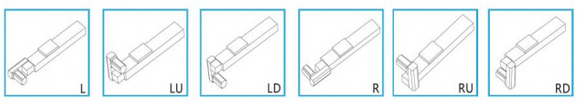


Effective stroke	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
A	342	392	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592
B	8	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32
C	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
D	5	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16
Weight(KG)	3.5	4.1	4.5	5.3	5.9	6.6	7.2	8.0	8.6	9.3	9.9	10.7	11.3	12.0	12.6	13.4	14.0	14.7	15.3	16.1	16.7	17.4	18.0	18.8	19.4	20.1

Effective stroke	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700
A	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192	2242	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842
B	32	34	34	36	36	38	38	40	40	42	42	44	44	46	46	48	48	50	50	52	52	54	54	56	56	58
C	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
D	16	17	17	18	18	19	19	20	20	21	21	22	22	23	23	24	24	25	25	26	26	27	27	28	28	29
Weight(KG)	20.7	21.4	22.0	22.8	23.4	24.1	24.7	25.5	26.1	26.8	27.4	28.2	28.8	29.5	30.1	30.9	31.5	32.2	32.8	33.6	34.2	34.9	35.5	36.3	36.9	37.6

Timing Belt Drive Type（Standard）





140 Representation of the Model Number

XTB -140 - P60 - L3750 - L - D40B - A3 - T -0001

- 140: Semi-closed
- Belt
- Normal type
- Body Size
- P60: Lead 60mm
- L3750: Stroke:3750mm
- Material of Timing Belt: P Polyurethane; R Rubber
- L: Connection Methods of the Motor
  - L Left Connection
  - LU Left Upper Connection
  - LD Left Bottom Connection
  - R Right Connection
  - RU Right Upper Connection
  - RD Left Bottom Connection
- D40B: Brand and Rate of the Motor

Brand	Power	Brakes
Yaskawa	10:100W	A: With Brakes
Delta	20:200W	B: With Brakes
Mitshibshi	40:400W	
DIKA	57:570Watt	
customer prepared		

- A3: Limit Switch(Position and Quantity)

A Motor Side	1:1Pcs
B:Motor End	2:2Pcs
C:None	3:3Pcs

- T: Installation Methods of the Module

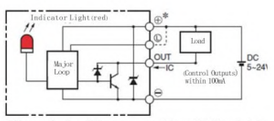
No Mark	Standard Type
T	Customized Type

- 0001: Serial Number

140 Specifications

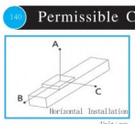
Driving Power(w)		400W
Rated Torque(N.M)		1.27
Repeated Positioning Accuracy(MM)		±0.04
Lead (MM)		60
Max. Speed(MM/S)		2000
Max. Loadable Weight(Kg)	Horizontal	40
	Vertical	
Rated Thrust(N)		130
Stroke Range(MM)		100-3750 (50mm spacing)
Width of Timing Belt(mm)		30
Linear Guide		HGH15
Sensor		External EE-SX672P(PNP)

140 Wiring Diagram of Sensor



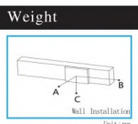
*Different products have different arrangement of the terminal. Please check the drawing of dimensions for a reference.

140 Permissible Carring Weight



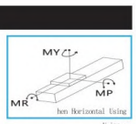
Unit: mm

Horizontal Installation	A	B	C
10Kg	2695	1695	1045
20Kg	2100	845	645
25Kg	1700	595	594



Unit: mm

Wall Installation	A	B	C
10Kg	1065	1195	2000
20Kg	595	555	1500
25Kg	405	350	1150



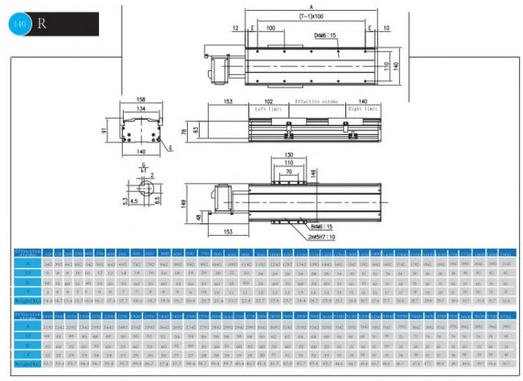
Unit: mm

MY	550
MP	550
MR	480

140 List of Matched Motors

Signature	Brand	Model Number	Brakes	Operating Voltag	Motor Voltage
Y	Yaskawa	SGMJV-04ADA21	Without Brakes	220V	400W
		SGMJV-04ADA2C	With Brakes	220V	400W
D	Delta	ECMA-C10604RS	Without Brakes	220V	400W
		ECMA-C10604SS	With Brakes	220V	400W
S	DIKA	SM60-D401330B	Without Brakes	220V	400W
		SM60-D401330BS	With Brakes	220V	400W

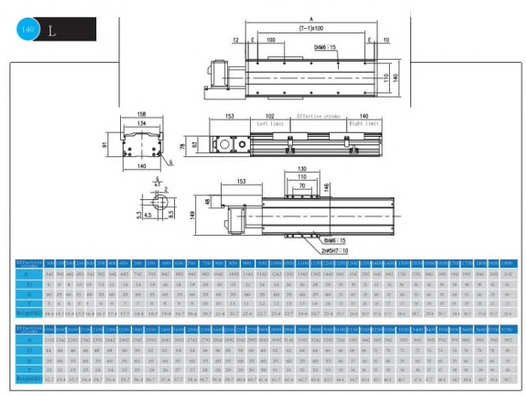
140 R



Effective stroke	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
A	342	392	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592
B	8	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32
C	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
D	5	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16
Weight(KG)	3.5	4.1	4.5	5.3	5.9	6.6	7.2	8.0	8.6	9.3	9.9	10.7	11.3	12.0	12.6	13.4	14.0	14.7	15.3	16.1	16.7	17.4	18.0	18.8	19.4	20.1

Effective stroke	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700
A	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192	2242	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842
B	32	34	34	36	36	38	38	40	40	42	42	44	44	46	46	48	48	50	50	52	52	54	54	56	56	58
C	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
D	16	17	17	18	18	19	19	20	20	21	21	22	22	23	23	24	24	25	25	26	26	27	27	28	28	29
Weight(KG)	20.7	21.4	22.0	22.8	23.4	24.1	24.7	25.5	26.1	26.8	27.4	28.2	28.8	29.5	30.1	30.9	31.5	32.2	32.8	33.6	34.2	34.9	35.5	36.3	36.9	37.6

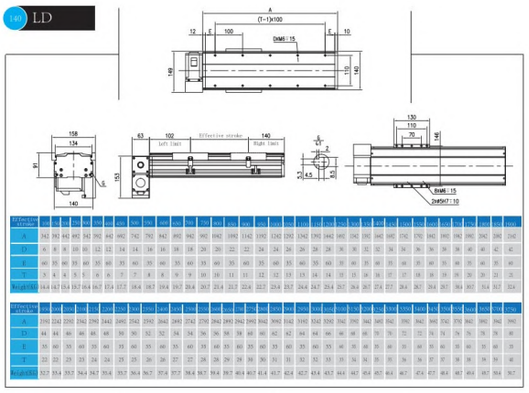
140 L



Effective stroke	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
A	342	392	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592
B	8	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32
C	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
D	5	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16
Weight(KG)	3.5	4.1	4.5	5.3	5.9	6.6	7.2	8.0	8.6	9.3	9.9	10.7	11.3	12.0	12.6	13.4	14.0	14.7	15.3	16.1	16.7	17.4	18.0	18.8	19.4	20.1

Effective stroke	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700
A	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192	2242	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842
B	32	34	34	36	36	38	38	40	40	42	42	44	44	46	46	48	48	50	50	52	52	54	54	56	56	58
C	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
D	16	17	17	18	18	19	19	20	20	21	21	22	22	23	23	24	24	25	25	26	26	27	27	28	28	29
Weight(KG)	20.7	21.4	22.0	22.8	23.4	24.1	24.7	25.5	26.1	26.8	27.4	28.2	28.8	29.5	30.1	30.9	31.5	32.2	32.8	33.6	34.2	34.9	35.5	36.3	36.9	37.6

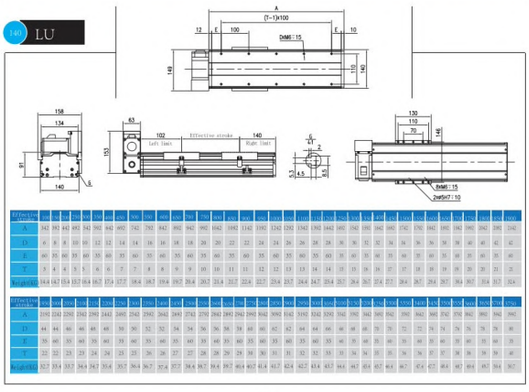
140 LD



Effective 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	1500	1550	1600	1650	1700	1750	1800	1850	1900
A	342	392	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42
E	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	21
Weight(Kg)	10.4	12.7	15.0	17.3	19.6	21.9	24.2	26.5	28.8	31.1	33.4	35.7	38.0	40.3	42.6	44.9	47.2	49.5	51.8	54.1	56.4	58.7	61.0	63.3	65.6	67.9	70.2	72.5	74.8	77.1	79.4	81.7	84.0	86.3	88.6	90.9	93.2

Effective stroke	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750
A	2192	2242	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992
D	44	44	46	46	48	48	48	50	50	52	52	54	54	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78
E	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T	21	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40
Weight(Kg)	52.7	55.0	57.3	59.6	61.9	64.2	66.5	68.8	71.1	73.4	75.7	78.0	80.3	82.6	84.9	87.2	89.5	91.8	94.1	96.4	98.7	101.0	103.3	105.6	107.9	110.2	112.5	114.8	117.1	119.4	121.7	124.0	126.3	128.6	130.9	133.2	135.5

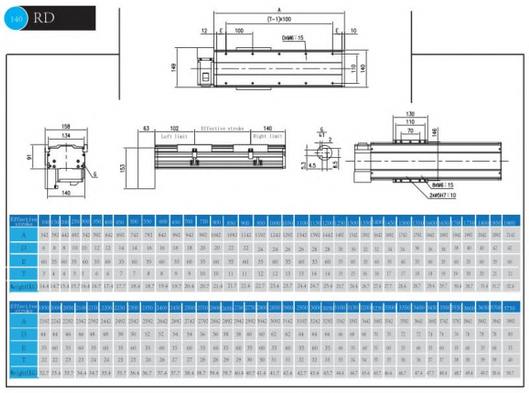
141 LU



Effective 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	1500	1550	1600	1650	1700	1750	1800	1850	1900
A	342	392	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42
E	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	21
Weight(Kg)	10.4	12.7	15.0	17.3	19.6	21.9	24.2	26.5	28.8	31.1	33.4	35.7	38.0	40.3	42.6	44.9	47.2	49.5	51.8	54.1	56.4	58.7	61.0	63.3	65.6	67.9	70.2	72.5	74.8	77.1	79.4	81.7	84.0	86.3	88.6	90.9	93.2

Effective stroke	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750
A	2192	2242	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992
D	44	44	46	46	48	48	48	50	50	52	52	54	54	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78
E	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T	21	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40
Weight(Kg)	52.7	55.0	57.3	59.6	61.9	64.2	66.5	68.8	71.1	73.4	75.7	78.0	80.3	82.6	84.9	87.2	89.5	91.8	94.1	96.4	98.7	101.0	103.3	105.6	107.9	110.2	112.5	114.8	117.1	119.4	121.7	124.0	126.3	128.6	130.9	133.2	135.5

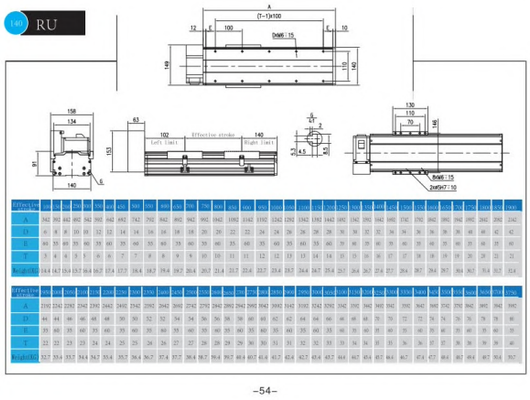
140 RD



Effective 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	1500	1550	1600	1650	1700	1750	1800	1850	1900
A	342	392	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42
E	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	21
Weight(Kg)	10.4	12.7	15.0	17.3	19.6	21.9	24.2	26.5	28.8	31.1	33.4	35.7	38.0	40.3	42.6	44.9	47.2	49.5	51.8	54.1	56.4	58.7	61.0	63.3	65.6	67.9	70.2	72.5	74.8	77.1	79.4	81.7	84.0	86.3	88.6	90.9	93.2

Effective stroke	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750
A	2192	2242	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992
D	44	44	46	46	48	48	48	50	50	52	52	54	54	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78
E	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T	21	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40
Weight(Kg)	52.7	55.0	57.3	59.6	61.9	64.2	66.5	68.8	71.1	73.4	75.7	78.0	80.3	82.6	84.9	87.2	89.5	91.8	94.1	96.4	98.7	101.0	103.3	105.6	107.9	110.2	112.5	114.8	117.1	119.4	121.7	124.0	126.3	128.6	130.9	133.2	135.5

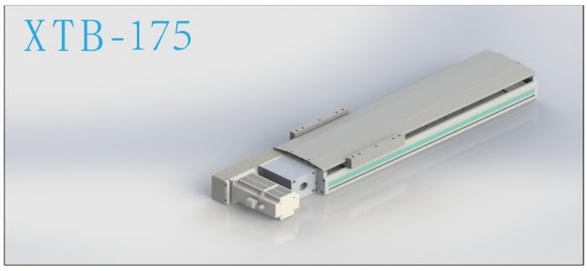
141 RU

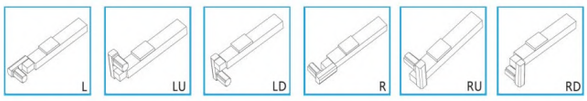


Effective stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900
A	342	392	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142
D	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42
E	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	21
Weight(Kg)	10.4	12.7	15.0	17.3	19.6	21.9	24.2	26.5	28.8	31.1	33.4	35.7	38.0	40.3	42.6	44.9	47.2	49.5	51.8	54.1	56.4	58.7	61.0	63.3	65.6	67.9	70.2	72.5	74.8	77.1	79.4	81.7	84.0	86.3	88.6	90.9	93.2

Effective stroke	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750
A	2192	2242	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992
D	44	44	46	46	48	48	48	50	50	52	52	54	54	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78
E	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T	21	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40
Weight(Kg)	52.7	55.0	57.3	59.6	61.9	64.2	66.5	68.8	71.1	73.4	75.7	78.0	80.3	82.6	84.9	87.2	89.5	91.8	94.1	96.4	98.7	101.0	103.3	105.6	107.9	110.2	112.5	114.8	117.1	119.4	121.7	124.0	126.3	128.6	130.9	133.2	135.5

Timing Belt Drive Type（Standard）





175 Representation of the Model Number

XTB -175 - P80 - L3750 - L - D40B - A3 - T -0001

- XTB: Body Size
- 175: Normal type
- Belt: semi-closed
- P80: Lead 80mm
- L3750: Stroke:3750mm
- L: Connection Methods of the Motor
  - L: Left Connection
  - LU: Left Upper Connection
  - LD: Left Bottom Connection
  - R: Right Connection
  - RU: Right Upper Connection
  - RD: Left Bottom Connection
- D40B: Brand and Rate of the Motor

Brand	Power	Brakes
Yaskawa	10:100W	No Marks: Without Brakes
Delta	20:200W	B: With Brakes
Mitsubishi	40:400W	
DIKA	75:750W	
customer prepared	86:860Smpor	

- A3: Limit Switch(Position and Quantity)

A: Motor Side	1:1Pcs
B: Motor End	2:2Pcs
C: None	3:3Pcs

- T: Installation Methods of the Module

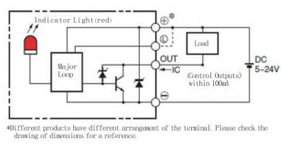
No Marks	Standard Type
T	Customized Type

- 0001: Serial Number
- P: Material of Timing Belt: P: Polyurethane; R: Rubber

175 Specifications

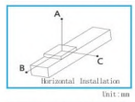
Driving Power(w)		750W
Rated Torque(N.M)		2.39
Repeat Positioning Accuracy(MM)		±0.04
Lead (MM)		80
Max. Speed(MM/S)		2000
Max. Loadable Weight(Kg)	Horizontal	85
	Vertical	
Rated Thrust(N)		368
Stroke Range(MM)		100-3750(50mm spacing)
Width of Timing Belt(mm)		50
Linear Guide		EGH20
Sensor		External EE-SX672P(PNP)

175 Wiring Diagram of Sensor



*Different products have different arrangement of the terminal. Please check the drawing of dimensions for a reference.

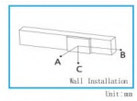
175 Permissible Carring Weight



Horizontal Installation

Unit:mm

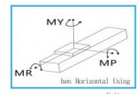
Horizontal Installation	A	B	C
10Kg	3000	1895	1295
20Kg	2295	1000	795
25Kg	1995	700	595
45Kg	900	315	285



Wall Installation

Unit:mm

Wall Installation	A	B	C
10Kg	1295	1495	2295
20Kg	800	695	1745
25Kg	595	445	1345
45Kg	285	205	605



hen Horizontal Using

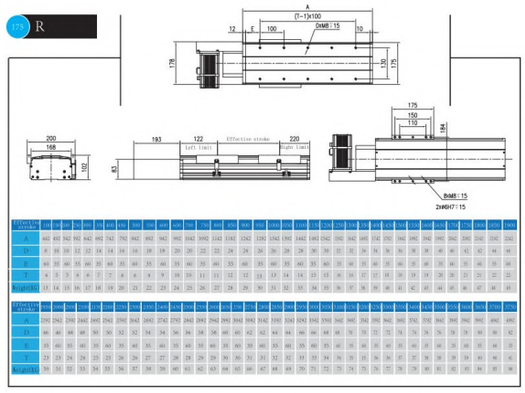
Unit:mm

MY	1030
MP	1030
MR	910

175 List of Matched Motors

Signature	Brand	Model Number	Brakes	Operating Voltag	Motor Voltage
Y	Yaskawa	SGMJV-08ADA21	Without Brakes	220V	750W
		SGMJV-08ADA2C	With Brakes	220V	750W
D	Delta	ECMA-C10807RS	Without Brakes	220V	750W
		ECMA-C10807SS	With Brakes	220V	750W
S	DIKA	SM80-D752430B	Without Brakes	220V	750W
		SM80-D752430BS	With Brakes	220V	750W

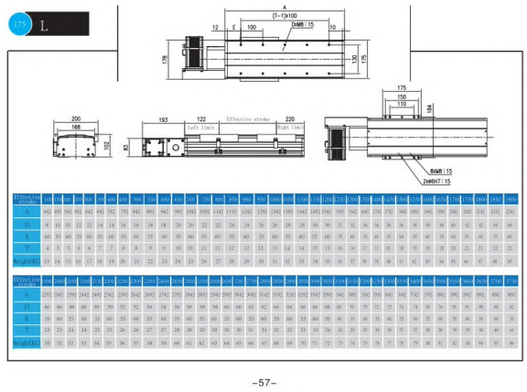
173 R



Effective 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	1500	1550	1600	1650	1700	1750	1800	1850	1900
A	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192	2242
D	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44	44
E	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	21	22	22
Weight(Kg)	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49

Effective stroke	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750
A	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992	4042	4092
D	46	46	48	48	50	50	52	52	54	54	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78	80	80	82
E	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40	40	41
Weight(Kg)	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86

173 L



Effective 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	1500	1550	1600	1650	1700	1750	1800	1850	1900
A	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192	2242
D	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44	44
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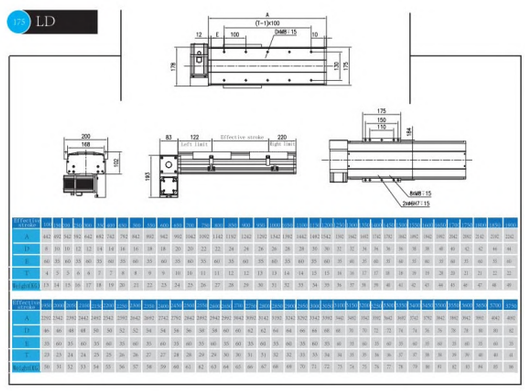
T	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	21	22	22
Weight(Kg)	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49

Effective stroke	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750
A	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992	4042	4092
D	46	46	48	48	50	50	52	52	54	54	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78	80	80	82
E	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40	40	41
Weight(Kg)	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86

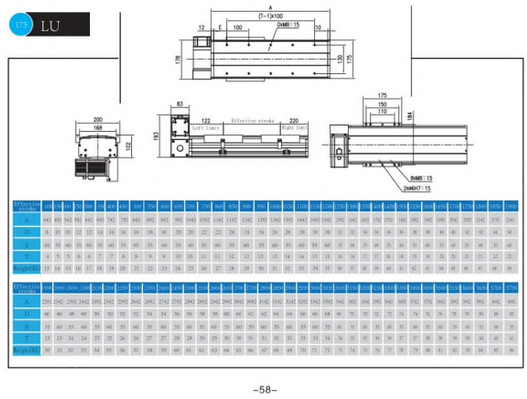
173 LD



Effective 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	1500	1550	1600	1650	1700	1750	1800	1850	1900
A	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192	2242
D	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44	44
E	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	21	22	22
Weight(Kg)	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49

Effective stroke	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750
A	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992	4042	4092
D	46	46	48	48	50	50	52	52	54	54	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78	80	80	82
E	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40	40	41
Weight(Kg)	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86

173 LU



Effective 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	1500	1550	1600	1650	1700	1750	1800	1850	1900
A	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192	2242
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Weight(Kg)	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49

Effective stroke	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750
A	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992	4042	4092
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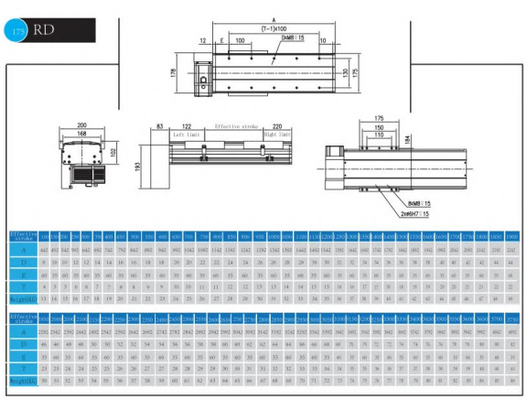
T	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40	40	41
Weight(Kg)	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86

173 RD



Effective 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	1500	1550	1600	1650	1700	1750	1800	1850	1900
A	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192	2242
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Weight(Kg)	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49

Effective stroke	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750
A	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992	4042	4092
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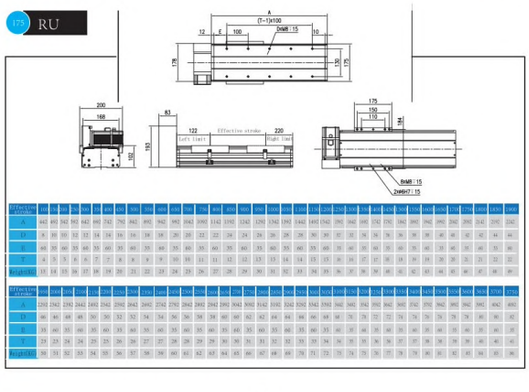
Weight(Kg)	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86

173 RU



Effective 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	1500	1550	1600	1650	1700	1750	1800	1850	1900
A	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192	2242
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Weight(Kg)	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49

Effective stroke	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750
A	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992	4042	4092
D	46	46	48	48	50	50	52	52	54	54	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78	80	80	82
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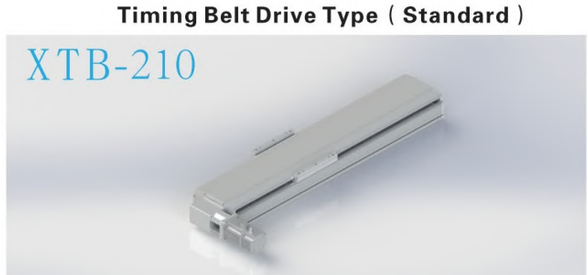
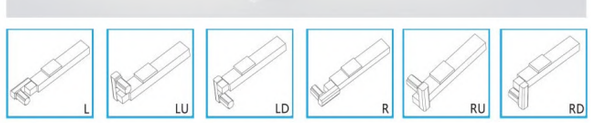
T	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40	40	41
Weight(Kg)	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86

Timing Belt Drive Type（Standard）





210 Representation of the Model Number

XTB -210 - P160 - L3750 - L - D40B - A3 - T -0001

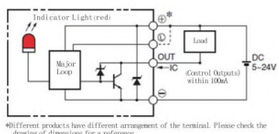
- XTB: Belt
- 210: Body Size
- Semi-closed: Normal type
- P160: Lead 160 160mm
- L3750: 行程:3750mm
- L: Material of Timing Belt — P: Polyurethane; R: Rubber
- D40B: Connection Methods of the Motor — L: Left Connection; LU: Left Upper Connection; LD: Left Bottom Connection; R: Right Connection; RU: Right Upper Connection; RD: Right Bottom Connection
- A3: Limit Switch(Position and Quantity) — A1: Motor Side 1:1 Pcs; B: Motor End 2:2 Pcs; C: None 3:3 Pcs
- T: Installation Methods of the Module — No Marks: Standard Type; T: Customized Type
- 0001: Serial Number
- Brand and Rate of the Motor

Brand	Power	Brakes
Yaskawa	10:100W	No Marks: Without Brakes
Delta	20:200W	B: With Brakes
Mitsubishi	40:400W	
DIKA	75:750W	
customer prepared	85:850Watt	

2.10 Specifications

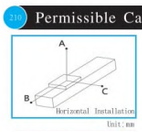
Driving Power(w)		750W
Rated Torque(N.M)		2.39
Repeated Positioning Accuracy(MM)		±0.04
Lead (MM)		80
Max. Speed(MM/S)		2000
Max. Loadable Weight(Kg)	Horizontal	85
	Vertical	
Rated Thrust(N)		368
Stroke Range(MM)		100-3750(50mm spacing)
Width of Timing Belt(mm)		50
Linear Guide		HGH20
Sensor		External EE-SX672P(PNP)

2.10 Wiring Diagram of Sensor



*Different products have different arrangement of the terminal. Please check the drawing of dimensions for a reference.

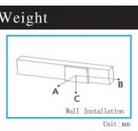
2.10 Permissible Carring Weight



Horizontal Installation

Unit : mm

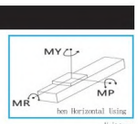
Horizontal Installation	A	B	C
10Kg	3000	1895	1295
20Kg	2295	1000	795
25Kg	1995	700	595
45Kg	900	315	285



Wall Installation

Unit : mm

Wall Installation	A	B	C
10Kg	1295	1495	2295
20Kg	800	695	1745
25Kg	595	445	1345
45Kg	285	205	605



when Horizontal Using

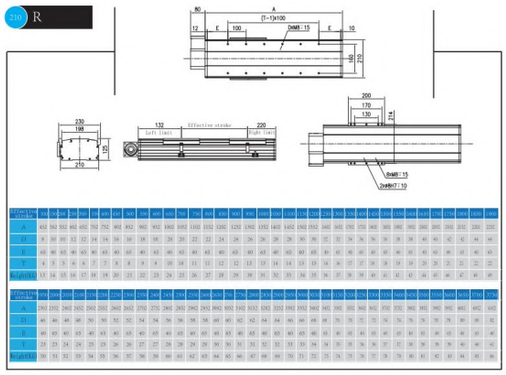
Unit : mm

MY	1030
MP	1030
MR	910

2.10 List of Matched Motors

Signature	Brand	Model Number	Brakes	Operating Voltag	Motor Voltage
Y	Yaskawa	SGMJV-08ADA21	Without Brakes	220V	750W
		SGMJV-08ADA2C	With Brakes	220V	750W
D	Delta	ECMA-C10807RS	Without Brakes	220V	750W
		ECMA-C10807SS	With Brakes	220V	750W
S	DIKA	SM80-D752430B	Without Brakes	220V	750W
		SM80-D752430BS	With Brakes	220V	750W

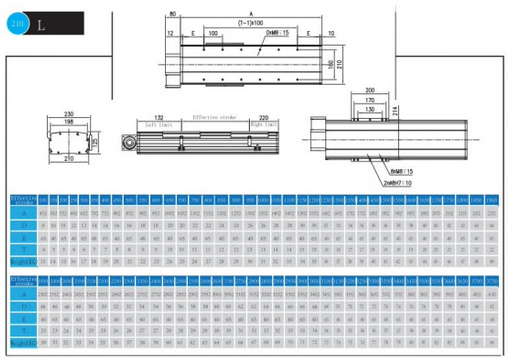
2.10 R



Model No.	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800
A	410	510	610	710	810	910	1010	1110	1210	1310	1410	1510	1610	1710	1810	1910	2010	2110	2210	2310	2410	2510	2610	2710	2810	2910	3010	3110	3210	3310	3410	3510	3610	3710	3810	3910	4010	4110	4210	4310	4410	4510	4610	4710	4810	4910	5010
B	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44	44	46	46	48	48	50	50	52	52	54	54
C	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
D	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
E	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Weight(kg)	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59

Model No.	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	7500	7600	7700	7800	7900	8000	8100	8200	8300	8400	8500	8600	8700	8800	8900	9000	9100	9200	9300	9400	9500
A	5110	5210	5310	5410	5510	5610	5710	5810	5910	6010	6110	6210	6310	6410	6510	6610	6710	6810	6910	7010	7110	7210	7310	7410	7510	7610	7710	7810	7910	8010	8110	8210	8310	8410	8510	8610	8710	8810	8910	9010	9110	9210	9310	9410	9510	9610	9710
B	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78	80	80	82	82	84	84	86	86	88	88	90	90	92	92	94	94	96	96	98	98	100	100	102
C	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
D	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
E	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Weight(kg)	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106

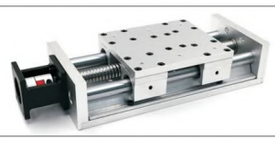
2.10 L



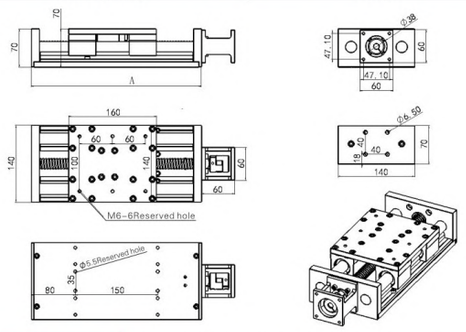
Model No.	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800
A	410	510	610	710	810	910	1010	1110	1210	1310	1410	1510	1610	1710	1810	1910	2010	2110	2210	2310	2410	2510	2610	2710	2810	2910	3010	3110	3210	3310	3410	3510	3610	3710	3810	3910	4010	4110	4210	4310	4410	4510	4610	4710	4810	4910	5010
B	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44	44	46	46	48	48	50	50	52	52	54	54
C	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
D	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
E	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Weight(kg)	59	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106

Model No.	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	7500	7600	7700	7800	7900	8000	8100	8200	8300	8400	8500	8600	8700	8800	8900	9000	9100	9200	9300	9400	9500
A	5110	5210	5310	5410	5510	5610	5710	5810	5910	6010	6110	6210	6310	6410	6510	6610	6710	6810	6910	7010	7110	7210	7310	7410	7510	7610	7710	7810	7910	8010	8110	8210	8310	8410	8510	8610	8710	8810	8910	9010	9110	9210	9310	9410	9510	9610	9710
B	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78	80	80	82	82	84	84	86	86	88	88	90	90	92	92	94	94	96	96	98	98	100	100	102
C	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
D	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
E	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Weight(kg)	59	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106

SBRS140K



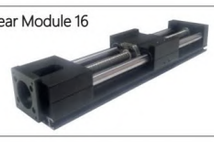
Data Sheet				
Adaptation Motor		57/86 stepping motor，100W/200W/400W Servo Motor		
SBR Guideway		SBR20*2 SBR20UU*4		
Ball Screw		Φ20–C7		
Repeatable Positioning Accuracy (mm)		± 0.03		
Lead Screw (mm)		5	10	20
Max Speed (mm/s)		250	500	1000
Maximum Handling Weight (Kg)	Horizontal	80	40	20
	Vertical	50	25	20
Stroke Range (mm)		100–1800		

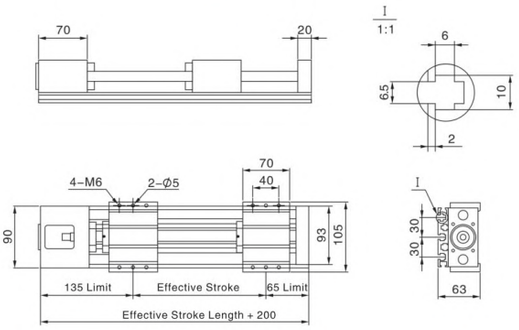


Effective stroke (mm)	100	200	300	400	500	600	700	800	900
A (mm)	310	410	510	610	710	810	910	1010	1110
Weight (kg)	5.5	7	8.5	10	11.5	13	14.5	16	17.5

Effective stroke (mm)	1000	1100	1200	1300	1400	1500	1600	1700	1800
A (mm)	1210	1310	1410	1510	1610	1710	1810	1910	2010
Weight (kg)	19	20.5	22	23.5	25	26.5	28	29.5	31

Shafts and Ball Screw Linear Module 16
YX-WC90K





16 Data Sheet

Applicable Motor		57, 86 Stepper Motor, 100W, 200W, 400W		
Positioning Accuracy		"-0.1~ (+0.1) "		
Ball Screw		Dimeter 16mm, C7		
Screw Lead(Pitch)		16	10	5
Max. Speed (mm/sec)		800	500	250
Max Loadable Weight(kg)	Horizontal	10	15	15
	Vertical	7	9	9
Rated Thrust(N)		100	260	430
Stroke Range (mm)		50mm spacing		
Total Length (mm)		Please check the drawing		
Module Size				
Shafts Diameter		WC15		