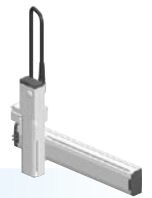


SXYx 2 axes / ZF

● XZ type ● Whipover ● Z-axis: clamped base / moving table type (100W)



Ordering method

SXYx - S [] [] **ZF** [] [] [] []

Model	Cable	Combination	X-axis stroke	ZR-axis	Z-axis stroke	Cable
F1			15 to 85cm		15 to 35cm	3L: 3.5m 5L: 5m 10L: 10m

RCX320-2 [] [] [] [] [] []

Controller / Number of controllable axes | Safety standard | Option A (OP.A) | Option B (OP.B) | Vision System | Absolute battery

Specify various controller setting items. RCX320 ▶ **P.660**

RCX222 [] [] [] [] [] []

Controller | Usable for CE | I/O selection 1 | I/O selection 2

Specify various controller setting items. RCX222 ▶ **P.670**

Specification

	X-axis	Z-axis
Axis construction ^{Note 1}	F14	F10-BK
AC servo motor output (W)	100	100
Repeatability ^{Note 2} (mm)	+/-0.01	+/-0.01
Drive system	Ball screw φ15	Ball screw φ15
Ball screw lead ^{Note 3} (Deceleration ratio) (mm)	20	10
Maximum speed ^{Note 4} (mm/sec)	1200	600
Moving range (mm)	150 to 850	150 to 350
Robot cable length (m)	Standard: 3.5 Option: 5,10	

Note 1. Use caution that the flange machining (installation holes, tap holes) differs from single-axis robots.
 Note 2. Positioning repeatability in one direction.
 Note 3. Leads not listed in the catalog are also available. Contact us for details.
 Note 4. When the X-axis stroke is longer than 750mm, resonance of the ball screw may occur depending on the operation conditions (critical speed). In this case, reduce the speed setting on the program by referring to the maximum speeds shown in the table below.

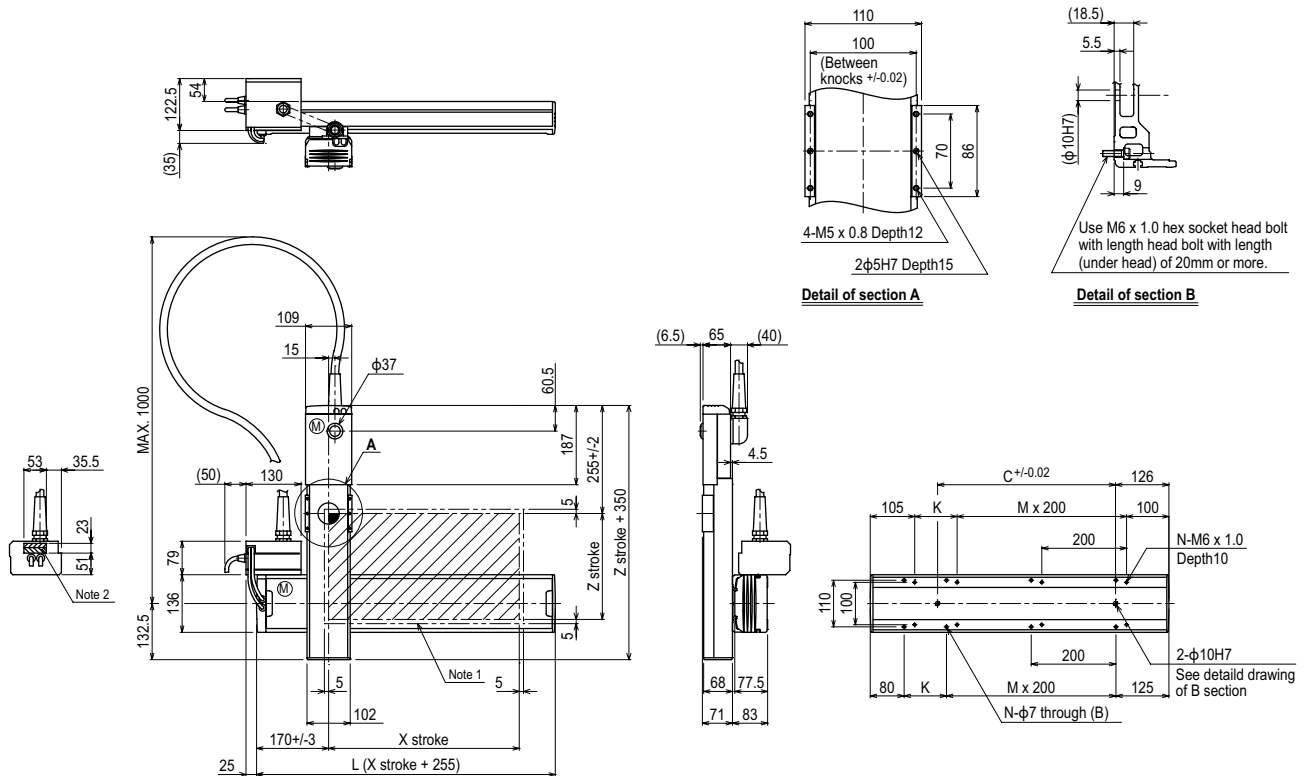
Maximum payload (kg)

X stroke (mm)	Z stroke (mm)
150 to 850	150 to 350
	10

Controller

Controller	Operation method
RCX320 RCX222	Programming / I/O point trace / Remote command / Operation using RS-232C communication

SXYx 2 axes / ZF (F1)



X stroke	150	250	350	450	550	650	750	850
L	405	505	605	705	805	905	1005	1105
K	200	100	200	100	200	100	200	100
C	240	240	420	420	600	600	780	780
M	0	1	1	2	2	3	3	4
N	4	6	6	8	8	10	10	12
Z stroke	150	250	350					
Maximum speed for each stroke (mm/sec) ^{Note 3}	X-axis		1200				960	780
Speed setting			-				80%	65%

Note 1. The moving range when returning to origin and the stop position when stopping by the mechanical stopper.
 Note 2. The shaded position indicates a user cable extraction port.

Note 3. When the X-axis stroke is longer than 750mm, resonance of the ball screw may occur depending on the operation conditions (critical speed). In this case, reduce the speed setting on the program by referring to the maximum speeds shown in the table at the left.

Articulated robots YA
 Linear conveyor modules LCM
 Single-axis robots CX
 Motor-less single axis actuator Robomity
 Compact single-axis robots TRANSEVO
 Single-axis robots FLIP-X
 Linear motor single-axis robots PHASER
 Cartesian robots XY-X
 SCARA robots YK-X
 Pick & place robots YP-X
 CLEAN
 CONTROLLER INFORMATION
 Arm type
 Gantry type
 Moving arm type
 Pole type
 XZ type