Note 1. The model with a lead of 40mm cannot select specifications with brake (vertical specifications).
Note 2. Upper robot cable (U) on models equipped with a brake is a special-order item.
Note 3. The robot cable is standard cable (3L/5L/10L), but can be changed to flexible cable.
Note 4. See P.514 for details on robot cable.
Note 5. Position detectors (resolvers) are common to incremental and absolute specifications.
Note 6. Select this selection when using the gateway function. For details, see P.66.
Note 7. To operate the unit at a speed exceeding 1,000mm/sec. (Max. speed), a regeneration unit RG1 is required.
Articulated robots
YA
Linear conveyor modules
LCM100
Compact single-axis robots
TRANSERVO
Motor-less single axis actuator
Robonity
Single-axis robots
FLIP-X
Linear motor single-axis robots
PHASER
Cartesian robots
XY-X
SCARA robots
YK-X
Pick & place robots
YP-X

Effective stroke
121+5: When origin is on non-motor side
130: When origin is on motor side

Direction of robot cable extraction
Approx. 250 (Motor cable length) 240+0: When origin is on motor side

Effective stroke
2-φ6H7 Depth10
0.8M x 1.25 Depth12.5

Controller
SR1-X ► 540
TS-X ► 514
RDV-X ► 528

Note 1. Stop positions are determined by the mechanical stoppers at both ends.
Note 2. When installing the robot, do not use washers inside the robot body.
Note 3. Minimum bend radius of motor cable is R50.

Note 4. When the stroke is longer than 800mm, 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 above.