

# LRT *Space-saving model*

## Robot ordering method

**LRT - BV - 240 - 3L - SRCH - 05 - 200**

Model - Variation - Stroke - Cable length - Controller - Driver - Power voltage

## Mechanical unit specifications

AC servo motor output (W)		100	
Maximum speed (mm/sec)	Horizontal	1000 ※1	
	Vertical	500	
Repeatability (mm)		±0.02	
Maximum payload (kg)	Horizontal	10	
	Vertical	7	
Continuous rated thrust (daN, kgf)	Horizontal	8	
	Vertical	16	
Ball screw lead (mm)	Horizontal	20 (Ground)	
	Vertical	10 (Ground)	
Stroke	Standard	Motor is directly connected, for horizontal use	—
	B	Space saving, for horizontal use	140 to 440
	V	For vertical use	—
	BV	Space saving, for vertical use	140 to 440
Return to origin	Return to origin system	Stroke end detection system	
	Motor side	Standard	
	Non-motor side	Designate	
Standard cycle time [Horizontal / Vertical] ※2	1 kg	0.42 / 0.71	
	max kg	0.52 / 0.76	
Controller		ERC ※3, SRCH-05	

※1 When an ERC controller is used, the maximum speed is 900mm/sec.

※2 Travel time for a 300mm one-way stroke with standard positioning completed parameter. (when an SRCH controller is used)

※3 Only horizontal specifications are possible for the ERC.

