

# TRANSEURO SPECIFICATION SHEET

Model	Lead (mm)	Payload (kg)		Stroke (mm) and maximum speed (mm/sec)														Detailed info page						
		Horizontal	Vertical	50	100	150	200	250	300	350	400	450	500	550	600	650	700		750	800				
SS04	12	2	1	600																				P.055
	6	4	2	300																				
	2	6	4	100																				
SS05	20	4	—	1000										933	833	733	633							P.056
	12	6	1	600										560	500	440	380							
	6	10	2	300										280	250	220	190							
SS05H	20	6	—	1000										933	833	733	633							P.057
	12	8	—	600										560	500	440	380							
		—	2	500										440				380						
	6	12	—	300										280	250	220	190							
		—	4	250										220				190						

## Robot ordering method description

In the order format for the YAMAHA single-axis robots TRANSEURO series, the notation (letters/numbers) for the mechanical section is shown linked to the controller section notation.

### [Example]

#### ● Mechanical ▶ SS05

- Lead ▷ 6mm
- Type ▷ Straight
- Brake ▷ Yes
- Origin position ▷ Standard
- Grease ▷ Standard
- Stroke ▷ 600mm
- Cable length ▷ 1m

#### ● Controller ▶ TS-S

- Input /Output selection ▷ NPN

#### ● Ordering Method

## SS05-06SB-NN-600-1L-SNP

Mechanical section

Controller section

To find detailed controller information see the controller page. **TS-S ▶ P.354**

① Model	② Lead	③ Type	④ Brake	⑤ Origin position	⑥ Grease option	⑦ Stroke	⑧ Cable length	⑨ Controller	⑩ I/O
SS04	02 2mm	S Straight	B With brake	N Standard	N Standard grease		1L 1m	S TS-S	NP NPN
SS05	06 6mm		N With no brake	Z No-motor side	C Clean room grease		3L 3m		PN PNP
SS05H	12 12mm						5L 5m		CC CC-Link
	20 20mm								DN DeviceNet

## Robot ordering method terminology

① Model	Enter the robot unit model.
② Lead	Select the ball screw lead.
③ Type	Show the robot type by the motor installation position. (Only the straight type is supported in 2009.)
④ Brake	Select Brake or No-brake. Horizontal specs: No-brake    Vertical specs: With Brake
⑤ Origin position	Origin point position can be changed.
⑥ Grease option	Clean grease can be selected.
⑦ Stroke	Select the stroke for the robot operating range.
⑧ Cable length	Select the robot cable length for connecting the robot to the controller. 1L: 1m (standard)    3L: 3m    5L: 5m    10L: 10m
⑨ Controller	Controllers for Transervos are all TS-S.
⑩ I/O	Select the expansion board and network board for the TS-S controller. NP: NPN    PN: PNP    CC: CC-Link    DN: DeviceNet