

7. DETAILS OF SERVO PARAMETERS

Parameter setting list for each servo type

Servo type	Standard type	High accuracy type	Ball screw end detection type	Scale F/B type	High accuracy scale F/B type	Inductosyn F/B type	Absolute position detection type	Absolute position ball screw end detection type
System	Incremental detection						Absolute position detection	
	Semi-closed loop		Closed loop				Semi-closed loop	Closed loop
	1 micron	Submicron	1 micron	1 micron	Submicron	1 micron	1 micron	1 micron
Servo amplifier type	MR-S □-E01	MR-S □-E33	MR-S □-E31	MR-S □-E31	MR-S □-E33	MR-S □-E31	MR-S □-Z33	MR-S □-Z33
17 STY	xx00	xx05	xx14 xx54	xx14 xx54	xx11 xx51	xx14 xx54	xx85	xx95 xxD5
Note 1 19 RNG (HA053 /13)	20 (10)	100	20	Note 2 $\frac{PIT \times 1 \mu}{\text{Scale resolution}(\mu)}$	Note 2 $\frac{PIT \times 1 \mu}{\text{Scale resolution}(\mu)}$	Note 2 $\frac{PIT \times 1 \mu}{\text{Scale resolution}(\mu)}$	20	20
Note 1 25 MTY (HA053 /13)	11xx (66xx)	Note 3 AAxx BBxx	11xx	41xx	4Axx	41xx	99xx	91xx

Note 1: The item in parentheses is a parameter according to the HA053/13 motor. When the HA053/13 motor is used, the servo type is restricted. For details, contact Mitsubishi Electric.

2: For PIT, the value of the parameter No.18 should be used.

3: BBxx for the 2400 rpm specification