

Servo System TSTA Series and Motor Compatibility Setting

Explanation :

Use **dn-08** to display servo motor code and check the servo drive and motor compatibility according to the table below.

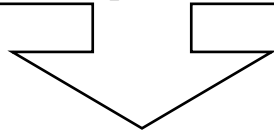
If the dn08 preset is not according to the list below ,the servo drive need reset servo model code Cn030 (follow example) or contact your supplier.

(Example)

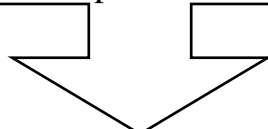
dn-08 Display Cn-030 Setting	Motor Model (Nameplate)	Motor Standards		Encoder Specification
		Watt (KW)	Speed (rpm)	
H0220	6CC401G-3DEBEAS 6CC401G-3DGBEAS(Brake)	0.4	3000	2000
H1220	6CC401G-3DEB WAS 6CC401G-3DGB WAS(Brake)			2500
H1221	TSC06401C-3NT3 TSC06401C-3BT3(Brake)			2500
H0222	TSC06401C-3NL3 TSC06401C-3BL3(Brake)			8192

Demonstration:TSTA20C + 6CC401G-3DEB WAS Setup Process

Step① setup into "Cn030 " Adjustment " H1220 " and power reset.



Step② setup into "Cn029 " Setting " 00001 " and power reset.



Finish

~PS. Above process when the first use must make a confirm.

Subsequent use without the need for this action.

TSTA15C Series

dn-08 Display Cn-030 Setting	Motor Model (Nameplate)	Motor Standards		Encoder Specification
		Watt (KW)	Speed (rpm)	
H1111	TSC04101C-2NT3 TSC04101C-2BT3(Brake)	0.1	3000	2500
H0112	TSC04101C-2NL3 TSC04101C-2BL3(Brake)			8192
H0120	7CB30-2DE7FAS 7CB30-2DG7FAS(Brake)	0.3	3000	2000
H0121	TSB07301C-2NH3 TSB07301C-2BH3(Brake)			2500
H1121	TSB07301C-2NT3 TSB07301C-2BT3(Brake)			8192
H0122	TSB07301C-2NL3 TSB07301C-2BL3(Brake)			2000
H0130	6CC201G-3DEBEAS 6CC201G-3DGBEAS(Brake)	0.2	3000	2000
Notel H1130	6CC201G-3DEBWAS 6CC201G-3DGBWAS(Brake)			2500
H1133	TST06201(With brake type) (Japan-TAMAGAWA Motor)	0.2	3000	2500
H1134				8192
H0140	6CC401G-3DEBEAS 6CC401G-3DGBEAS(Brake)	0.4	3000	2000
Notel H1140	6CC401G-3DEBWAS 6CC401G-3DGBWAS(Brake)			2500
H1141	TSC06401C-3NT3 TSC06401C-3BT3(Brake)	0.4	3000	2500
H0142	TSC06401C-3NL3 TSC06401C-3BL3(Brake)			8192
H1143	TST06401(With brake type) (Japan-TAMAGAWA Motor)	0.4	3000	2500
H1144				8192

Notel:CC Series encoder resolution to 2500P/R (2009/12 Start provide)

TSTA20C Series

dn-08 Display Cn-030 Setting	Motor Model (Nameplate)	Motor Standards		Encoder Specification
		Watt (KW)	Speed (rpm)	
H0210	8CB75-2DE7FAS 8CB75-2DG7FAS(Brake)	0.75	3000	2000
H0211	TSB08751C-2NH3 TSB08751C-2BH3(Brake)			2500
H1211	TSB08751C-2NT3 TSB08751C-2BT3(Brake)			8192
H0212	TSB08751C-2NL3 TSB08751C-2BL3(Brake)			
H0220	6CC401G-3DEBEAS 6CC401G-3DGBEAS(Brake)	0.4	3000	2000
Notel H1220	6CC401G-3DEBWAS 6CC401G-3DGBWAS(Brake)			2500
H1221	TSC06401C-3NT3 TSC06401C-3BT3(Brake)			8192
H0222	TSC06401C-3NL3 TSC06401C-3BL3(Brake)			
H1223	TST06401(With brake type)	0.4	3000	2500
H1224	(Japan-TAMAGAWA Motor)			8192
H0230	8CC751G-3DEBEAS 8CC751G-3DGBEAS(Brake)	0.75	3000	2000
Notel H1230	8CC751G-3DEBWAS 8CC751G-3DGBWAS(Brake)			2500
H1231	TSC08751C-3NT3 TSC08751C-3BT3(Brake)			8192
H0232	TSC08751C-3NL3 TSC08751C-3BL3(Brake)			
H1233	TST08751(With brake type)	0.75	3000	2500
H1234	(Japan-TAMAGAWA Motor)			8192

TSTA20C Series

dn-08 Display Cn-030 Setting	Motor Model (Nameplate)	Motor Standards		Encoder Specification
		Watt (KW)	Speed (rpm)	
H0240	3MB551A-3CE7FKD 3MB551A-3CG7FKD(Brake)	0.55	1000	2000
H0241	TSB13551A-3NHA TSB13551A-3BHA(Brake)			2500
H1241	TSB13551A-3NTA TSB13551A-3BTA(Brake)			8192
H0242	TSB13551A-3NLA TSB13551A-3BLA(Brake)			
H0250	3MB551H-3CE7FKD 3MB551H-3CG7FKD(Brake)	0.55	1500	2000
H0251	TSB13551H-3NHA TSB13551H-3BHA(Brake)			2500
H1251	TSB13551H-3NTA TSB13551H-3BTA(Brake)			8192
H0252	TSB13551H-3NLA TSB13551H-3BLA(Brake)			

Notel:CC Series encoder resolution to 2500P/R (2009/12 Start provide)

TSTA30C Series

dn-08 Display Cn-030 Setting	Motor Model (Nameplate)	Motor Standards		Encoder Specification
		Watt (KW)	Speed (rpm)	
H0310	8CC751G-3DEBEAS 8CC751G-3DGBEAS(Brake)	0.75	3000	2000
Notel H1310	8CC751G-3DEB WAS 8CC751G-3DGB WAS(Brake)			2500
H1311	TSC08751C-3NT3 TSC08751C-3BT3(Brake)			8192
H0312	TSC08751C-3NL3 TSC08751C-3BL3(Brake)			
H1313	TST08751(With brake type) (Japan-TAMAGAWA Motor)	0.75	3000	2500
H1314				8192
H0320	3MB100A-3CE7FKD 3MB100A-3CG7FKD(Brake)	1.0	1000	2000
H0321	TSB13102A-3NHA TSB13102A-3BHA(Brake)			2500
H1321	TSB13102A-3NTA TSB13102A-3BTA(Brake)			8192
H0322	TSB13102A-3NLA TSB13102A-3BLA(Brake)			
H0330	3MB100B-3CE7FKD 3MB100B-3CG7FKD(Brake)	1.0	2000	2000
H0331	TSB13102B-3NHA TSB13102B-3BHA(Brake)			2500
H1331	TSB13102B-3NTA TSB13102B-3BTA(Brake)			8192
H0332	TSB13102B-3NLA TSB13102B-3BLA(Brake)			

TSTA30C Series

dn-08 Display Cn-030 Setting	Motor Model (Nameplate)	Motor Standards		Encoder Specification
		Watt (KW)	Speed (rpm)	
H0340	3MB100H-3CE7FKD 3MB100H-3CG7FKD(Brake)	1.0	1500	2000
H0341	TSB13102H-3NHA TSB13102H-3BHA(Brake)			2500
H1341	TSB13102H-3NTA TSB13102H-3BTA(Brake)			8192
H0342	TSB13102H-3NLA TSB13102H-3BLA(Brake)			
H0351	TSB13102C-3NHA TSB13102C-3BHA(Brake)	1.0	3000	2500
H1351	TSB13102C-3NTA TSB13102C-3BTA(Brake)			8192
H0352	TSB13102C-3NLA TSB13102C-3BLA(Brake)			
H0360	3MB150A-3CE7FKD 3MB150A-3CG7FKD(Brake)	1.5	1000	2000
H0361	TSB13152A-3NHA TSB13152A-3BHA(Brake)			2500
H1361	TSB13152A-3NTA TSB13152A-3BTA(Brake)			8192
H0362	TSB13152A-3NLA TSB13152A-3BLA(Brake)			
H0370	3MB150B-3CE7FKD 3MB150B-3CG7FKD(Brake)	1.5	2000	2000
H0371	TSB13152B-3NHA TSB13152B-3BHA(Brake)			2500
H1371	TSB13152B-3NTA TSB13152B-3BTA(Brake)			8192
H0372	TSB13152B-3NLA TSB13152B-3BLA(Brake)			

TSTA30C Series

dn-08 Display Cn-030 Setting	Motor Model (Nameplate)	Motor Standards		Encoder Specification
		Watt (KW)	Speed (rpm)	
H0380	3MB150C-3CE7FKD 3MB150C-3CG7FKD(Brake)	1.5	3000	2000
H0381	TSB13152C-3NHA TSB13152C-3BHA(Brake)			2500
H1381	TSB13152C-3NTA TSB13152C-3BTA(Brake)			8192
H0382	TSB13152C-3NLA TSB13152C-3BLA(Brake)			

Note1:CC Series encoder resolution to 2500P/R (2009/12 Start provide)

TSTA50D Series

dn-08 Display Cn-030 Setting	Motor Model (Nameplate)	Motor Standards		Encoder Specification
		Watt (KW)	Speed (rpm)	
H0510	3MB150A-3CE7FKD 3MB150A-3CG7FKD(Brake)	1.5	1000	2000
H0511	TSB13152A-3NHA TSB13152A-3BHA(Brake)			2500
H1511	TSB13152A-3NTA TSB13152A-3BTA(Brake)			8192
H0512	TSB13152A-3NLA TSB13152A-3BLA(Brake)			
H0520	3MB150B-3CE7FKD 3MB150B-3CG7FKD(Brake)	1.5	2000	2000
H0521	TSB13152B-3NHA TSB13152B-3BHA(Brake)			2500
H1521	TSB13152B-3NTA TSB13152B-3BTA(Brake)			8192
H0522	TSB13152B-3NLA TSB13152B-3BLA(Brake)			
H0530	3MB150C-3CE7FKD 3MB150C-3CG7FKD(Brake)	1.5	3000	2000
H0531	TSB13152C-3NHA TSB13152C-3BHA(Brake)			2500
H1531	TSB13152C-3NTA TSB13152C-3BTA(Brake)			8192
H0532	TSB13152C-3NLA TSB13152C-3BLA(Brake)			

TSTA50D Series

dn-08 Display Cn-030 Setting	Motor Model (Nameplate)	Motor Standards		Encoder Specification
		Watt (KW)	Speed (rpm)	
H0540	3MB200B-3CE7FKD 3MB200B-3CG7FKD(Brake)	2.0	2000	2000
H0541	TSB13202B-3NHA TSB13202B-3BHA(Brake)			2500
H1541	TSB13202B-3NTA TSB13202B-3BTA(Brake)			8192
H0542	TSB13202B-3NLA TSB13202B-3BLA(Brake)			
H0551	TSB13202C-3NHA TSB13202C-3BHA(Brake)	2.0	3000	2500
H1551	TSB13202C-3NTA TSB13202C-3BTA(Brake)			8192
H0552	TSB13202C-3NLA TSB13202C-3BLA(Brake)			

TSTA75D Series

dn-08 Display Cn-030 Setting	Motor Model (Nameplate)	Motor Standards		Encoder Specification
		Watt (KW)	Speed (rpm)	
H0710	3MB300B-3CE7FKD 3MB300B-3CG7FKD(Brake)	3.0	2000	2000
H0711	TSB13302B-3NHA TSB13302B-3BHA(Brake)			2500
H1711	TSB13302B-3NTA TSB13302B-3BTA(Brake)			8192
H0712	TSB13302B-3NLA TSB13302B-3BLA(Brake)			
H0720	3MB300C-3CE7FKD 3MB300C-3CG7FKD(Brake)	3.0	3000	2000
H0721	TSB13302C-3NHA TSB13302C-3BHA(Brake)			2500
H1721	TSB13302C-3NTA TSB13302C-3BTA(Brake)			8192
H0722	TSB13302C-3NLA TSB13302C-3BLA(Brake)			
H0732	TSA18302H-3NLA	3.0	1500	8192