



Product Service

CERTIFICATE

No. B 16 07 22021 669

Holder of Certificate: Yaskawa Electric Corp.
Tokyo Plant480 Kamifujisawa, Iruma
Saitama 358-8555
JAPAN**Production Facility(ies):** 48675, 48921**Certification Mark:****Product:** Electric Motors
Linear Slider, Linear Servo Motor**Model(s):** SGT, SGL series
(See Attachment for Nomenclature)**Parameters:**
Rated voltage: AC 200 V, AC 400 V
Rated force: 4-1120 N (SGT series)
12.5-4032 N (SGL series)
Protection class: I
Remark:
When installing / inserting the equipment, all requirements of the mentioned test standard must be fulfilled.**Tested according to:** EN 60034-1:2010

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 73502897-08**Valid until:** 2021-07-24**Date,** 2016-07-25
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(Yoshio Sato)



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Technical Data

Electrical ratings-:

SGT Series:

SGT Type:

MODEL DESCRIPTION	Voltage [V]	Phases	Peak Force [N]	Rated Force [N]	Peak current [A]	Rated current [A]	Insulation Class
SGTxF1x-xxxxxxx-0	200	3	86	25	3	0.7	B
SGTxF2x-xxxxxxx-0	200	3	125	40	2.9	0.8	B
SGTxF3x-xxxxxxx-0	200	3	220	80	4.4	1.4	B
SGTxF4x-xxxxxxx-0	200	3	440	160	8.8	2.8	B
SGTxF7x-xxxxxxx-0	200	3	600	200	3.2	10.9	B
SGTxF9x-xxxxxxx-0	200	3	600	280	12.4	5	B
SGTxF5x-xxxxxxx-0	200	3	1200	400	6.3	21.8	B
SGTxFAx-xxxxxxx-0	200	3	1200	560	25	10	B
SGTxF6x-xxxxxxx-0	200	3	1200	400	5.7	19.7	B
SGTxFBx-xxxxxxx-0	200	3	1200	560	21.6	8.7	B
SGTxF8x-xxxxxxx-0	200	3	2400	800	11.4	39.3	B
SGTxFCx-xxxxxxx-0	200	3	2400	1120	43.6	17.5	B
SGTxG1x-xxxxxxx-0	200	3	140	47	2.4	0.8	B
SGTxGDx-xxxxxxx-0	200	3					
SGTxG2x-xxxxxxx-0	200	3	280	93	4.9	1.6	B
SGTxGEx-xxxxxxx-0	200	3					
SGTxG3x-xxxxxxx-0	200	3	420	140	7.3	2.4	B
SGTxGFx-xxxxxxx-0	200	3					
SGTxG4x-xxxxxxx-0	200	3	220	70	3.5	1.2	B
SGTxGGx-xxxxxxx-0	200	3					
SGTxG5x-xxxxxxx-0	200	3	440	140	7	2.2	B
SGTxGHx-xxxxxxx-0	200	3					
SGTxG6x-xxxxxxx-0	200	3	660	210	10.5	3.3	B
SGTxGlx-xxxxxxx-0	200	3					
SGTMM01-010xxxxxx	200	3	10	4	1.23	0.34	B
SGTMM01-030xxxxxx	200	3	10	4	1.23	0.34	B
SGTMM03-025xxxxxx	200	3	25	7	2.06	0.58	B
SGTMM03-065xxxxxx	200	3	25	7	2.16	0.58	B
SGTMM06-025xxxxxx	200	3	60	15	2.19	0.58	B
SGTMM06-065xxxxxx	200	3	60	15	2.31	0.59	B
SGTMF4A-027xxxxxx	200	3	270	90	5.1	1.5	B
SGTMF4B-036xxxxxx	200	3	360	120	5.1	1.5	B
SGTMF5A-054xxxxxx	200	3	540	150	12.2	2.8	B
SGTMF5B-072xxxxxx	200	3	720	200	12.2	2.8	B

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SGL Series:

SGLG, SGLF, SGLT Type:

MODEL DESCRIPTION	Voltage [V]	Phases	Peak Force [N]	Rated Force [N]	Peak Current [A]	Rated current [A]	Insulation Class
SGLGW-30A050xx	200	3	40	12.5	1.62	0.51	B
SGLGW-30A080xx	200	3	80	25	2.53	0.79	B
SGLGW-40A140xx	200	3	140	47	2.4	0.8	B
SGLGW-40A253xx	200	3	280	93	4.9	1.6	B
SGLGW-40A365xx	200	3	420	140	7.3	2.4	B
SGLGW-60A140xx	200	3	220	70	3.5	1.2	B
SGLGW-60A253xx	200	3	440	140	7	2.2	B
SGLGW-60A365xx	200	3	660	210	10.5	3.3	B
SGLGW-40A140xx(*1)	200	3	230	57	3.2	0.8	B
SGLGW-40A253xx(*1)	200	3	460	114	6.5	1.6	B
SGLGW-40A365xx(*1)	200	3	690	171	9.7	2.4	B
SGLGW-60A140xx(*1)	200	3	360	85	5	1.2	B
SGLGW-60A253xx(*1)	200	3	720	170	10	2.2	B
SGLGW-60A365xx(*1)	200	3	1080	255	15	3.3	B
SGLGW-90A200xx	200	3	1300	325	17.6	4.4	B
SGLGW-90A370xx	200	3	2200	550	30	7.5	B
SGLGW-90A535xx	200	3	3000	750	40.8	10.2	B
SGLFW-20A090xx	200	3	86	25	3	0.7	B
SGLFW-20A120xx	200	3	125	40	2.9	0.8	B
SGLFW-35A120xx	200	3	220	80	4.4	1.4	B
SGLFW-35A230xx	200	3	440	160	8.8	2.8	B
SGLFW-50A200xx	200	3	600	280	12.4	5	B
SGLFW-50A380xx	200	3	1200	560	25	10	B
SGLFW-1ZA200xx	200	3	1200	560	21.6	8.7	B
SGLFW-1ZA380xx	200	3	2400	1120	43.6	17.5	B
SGLFW-35D120xx	400	3	220	80	2.3	0.7	B
SGLFW-35D230xx	400	3	440	160	4.6	1.3	B
SGLFW-50D200xx	400	3	600	280	5.6	2.3	B
SGLFW-50D380xx	400	3	1200	560	11	4.5	B
SGLFW-1ZD200xx	400	3	1200	560	12.3	4.9	B
SGLFW-1ZD380xx	400	3	2400	1120	24.6	9.8	B
SGLTW-20A170xx	200	3	380	130	7.7	2.3	B
SGLTW-20A320xx	200	3	760	250	15.4	4.4	B
SGLTW-20A460xx	200	3	1140	380	23.2	6.7	B
SGLTW-35A170xx	200	3	660	220	12.1	3.5	B
SGLTW-35A320xx	200	3	1320	440	24.2	7	B
SGLTW-35A460xx	200	3	2000	670	36.7	10.7	B
SGLTW-35A170xx(*2)	200	3	600	300	11.9	5.1	B
SGLTW-35A320xx(*2)	200	3	1200	600	23.9	10.1	B
SGLTW-40A400xx	200	3	2600	670	39.4	7.3	B
SGLTW-40A600xx	200	3	4000	1000	60.6	10.9	B
SGLTW-50A170xx(*2)	200	3	900	450	11.5	4.9	B
SGLTW-50A320xx(*2)	200	3	1800	900	22.9	9.8	B
SGLTW-80A400xx	200	3	5000	1300	57.9	11.1	B
SGLTW-80A600xx	200	3	7500	2000	86.9	17.1	B
SGLTW-35D170xx(*2)	200	3	600	300	7.7	3.2	B
SGLTW-35D320xx(*2)	400	3	1200	600	15.5	6.5	B
SGLTW-40D400xx	400	3	2600	670	20.7	3.7	B
SGLTW-40D600xx	400	3	4000	1000	30.6	5.5	B
SGLTW-50D170xx(*2)	400	3	900	450	7.4	3.2	B

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MODEL DESCRIPTION	Voltage [V]	Phases	Peak Force [N]	Rated Force [N]	Peak Current [A]	Rated current [A]	Insulation Class
SGLTW-50D320xx(*2)	400	3	1800	900	14.8	6.3	B
SGLTW-80D400xx	400	3	5000	1300	37.6	7.2	B
SGLTW-80D600xx	400	3	7500	2000	56.4	11.1	B

(*1) With high thrust force magnet tracks
(*2) High-efficiency Type

SGLC Type:

MODEL DESCRIPTION	Voltage [V]	Phases	Peak Force [N]	Rated Force [N]	Peak current [A]	Rated current [A]	Insulation Class
SGLCW-D16A085xx	200	3	60	17	2.07	0.59	B
SGLCW-D16A115xx	200	3	90	25	2.07	0.58	B
SGLCW-D16A145xx	200	3	120	34	2.52	0.71	B
SGLCW-D20A100xx	200	3	150	30	4.9	0.98	B
SGLCW-D20A135xx	200	3	225	45	4.9	0.98	B
SGLCW-D20A170xx	200	3	300	60	5.95	1.19	B
SGLCW-D25A125xx	200	3	280	70	5.68	1.42	B
SGLCW-D25A170xx	200	3	420	105	6.48	1.75	B
SGLCW-D25A215xx	200	3	560	140	13.97	3.49	B
SGLCW-D32A165xx	200	3	420	90	7.32	1.57	B
SGLCW-D32A225xx	200	3	630	135	13.01	2.79	B
SGLCW-D32A285xx	200	3	840	180	13.01	2.79	B

SGLF*2 Type:

MODEL DESCRIPTION	Voltage [V]	Phases	Peak Force [N]	Rated Force [N]	Peak Current [A]	Rated current [A]	Insulation Class
SGLFW2-30A070A	200	3	135	45	5.3	1.4	B
SGLFW2-30A120A	200	3	270	90	5.2	1.5	B
SGLFW2-30A230A	200	3	540	180	10.5	2.9	B
SGLFW2-45A200A	200	3	840	280	16.4	4.4	B
SGLFW2-45A380A	200	3	1680	560	32.7	8.7	B
SGLFW2-90A200A	200	3	1680	560	26.9	7.2	B
SGLFW2-90A380A	200	3	3360	1120	53.9	14.4	B
SGLFW2-90A560A	200	3	5040	1680	80.8	21.6	B
SGLFW2-1DA380A	200	3	5040	1680	53.9	14.4	B
SGLFW2-1DA560A	200	3	7560	2520	80.8	21.6	B
SGLFW2-90A200AxL(*1)	200	3	1680	896	26.9	11.5	B
SGLFW2-90A380AxL(*1)	200	3	3360	1792	53.9	23.0	B
SGLFW2-90A560AxL(*1)	200	3	5040	2688	80.8	34.5	B
SGLFW2-1DA380AxL(*1)	200	3	5040	2688	53.9	23.0	B
SGLFW2-1DA560AxL(*1)	200	3	7560	4032	80.8	34.5	B
SGLFW2-30D070A	400	3	135	45	5.3	1.4	B
SGLFW2-30D120A	400	3	270	90	5.2	1.5	B
SGLFW2-30D230A	400	3	540	180	5.2	1.5	B
SGLFW2-45D200A	400	3	840	280	8.1	2.2	B
SGLFW2-45D380A	400	3	1680	560	16.2	4.3	B
SGLFW2-90D200A	400	3	1680	560	14.0	3.8	B
SGLFW2-90D380A	400	3	3360	1120	28.0	7.7	B
SGLFW2-90D560A	400	3	5040	1680	42.0	11.5	B
SGLFW2-1DD380A	400	3	5040	1680	39.7	10.9	B
SGLFW2-1DD560A	400	3	7560	2520	59.6	16.3	B

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MODEL DESCRIPTION	Voltage [V]	Phases	Peak Force [N]	Rated Force [N]	Peak Current [A]	Rated current [A]	Insulation Class
SGLFW2-90D200AxL(*1)	400	3	1680	896	14.0	6.1	B
SGLFW2-90D380AxL(*1)	400	3	3360	1792	28.0	12.2	B
SGLFW2-90D560AxL(*1)	400	3	5040	2688	42.0	18.4	B
SGLFW2-1DD380AxL(*1)	400	3	5040	2688	39.7	17.4	B
SGLFW2-1DD560AxL(*1)	400	3	7560	4032	59.6	26.1	B

(*1) Water cooled Type

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Nomenclature:

SGT Series:

SGT Type:

1) Standard

SGT X XX X - XXX XXXX - X X
a b c d e f g h

a : Linear Slider(Σ-Trac)Series : SGT

b : Base Material
1:Standard (Aluminum Base)
2:High Stiffness (Iron Base)

c : Motor Type

Symbol	Motor Type	Symbol	Motor Type	Symbol	Motor Type
F1	SGLFW-20A090A	G1	SGLGW-40A140B	GG	SGLGW-60A140C
F2	SGLFW-20A120A	G2	SGLGW-40A253B	GH	SGLGW-60A253C
F3	SGLFW-35A120A	G3	SGLGW-40A365B	GI	SGLGW-60A365C
F4	SGLFW-35A230A	G4	SGLGW-60A140B	GJ	SGLGW-30A050C
F5	SGLFW-50A380A	G5	SGLGW-60A253B	GK	SGLGW-30A080C
F6	SGLFW-1ZA200A	G6	SGLGW-60A365B	GL	SGLGW-90A200C
F7	SGLFW-50A200A	G7	SGLGW-30A050B	GM	SGLGW-90A370C
F8	SGLFW-1ZA380A	G8	SGLGW-30A080B	GN	SGLGW-90A535C
F9	SGLFW-50A200B	GA	SGLGW-90A200A	GO	SGLGW-40A140C(M)
FA	SGLFW-50A380B	GB	SGLGW-90A370A	GP	SGLGW-40A253C(M)
FB	SGLFW-1ZA200B	GC	SGLGW-90A535A	GQ	SGLGW-40A365C(M)
FC	SGLFW-1ZA380B	GD	SGLGW-40A140C	GR	SGLGW-60A140C(M)
		GE	SGLGW-40A253C	GS	SGLGW-60A253C(M)
		GF	SGLGW-40A365C	GT	SGLGW-60A365C(M)

(M): With high thrust force magnet tracks

d : Number of carriage

e : Carriage Stroke
Example: 100...1000mm , 035...350mm

f : Detector (Linear Scale)

Symbol	Maker Style Number	Output signal	Scale resolution	Manufacturer
AH40	LIDA187	Analogue	40µm-1Vp-p	HEIDENHAIN
AH20	LIDA487	Analogue	20µm-1Vp-p	HEIDENHAIN
AH04	LIF487	Analogue	4µm-1Vp-p	HEIDENHAIN
AR20	RGH22B	Analogue	20µm-1Vp-p	RENISHAW
PR20	RGH22D	Digital(Pulse)	5µm resolution	RENISHAW
PR04	RGH22X	Digital(Pulse)	1µm resolution	RENISHAW
PR02	RGH22Z	Digital(Pulse)	0.5µm resolution	RENISHAW
PRA4	RGH22Y	Digital(Pulse)	0.1µm resolution	RENISHAW
ABS1	ST781A	Digital(Serial)	0.5µm resolution	MITSUTOYO
ABS2	ST782A	Digital(Serial)	0.1µm resolution	MITSUTOYO

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e : Design Revision
A to Z

f : Optional parts:

Symbol	Contents	Remarks
-	Without hall sensor	---
P	With hall sensor	---

g: Design of RoHS responses model: -E or blank
If be indicated "-E",
Those models represent RoHS responses model.

2) Exclusive Design for Customer

SGTMM XX - XXX XXXX XX XX X
a b c d e f g

a to d and g : same as standard

e: Customer Code

f: Design Revision Order for Customer

SGTMF Type:

1) Standard

SGTMF X X - XXX XXXX X X X
a b c d e f g h

a: Linear Slider(Σ-Trac-MAG)Series : SGTMF

b: Applied Coil Type
4: SGLFW-35A230A, 5: SGLFW-50A380A

c: Table length
A:Short , B:Long

d: Peak Force
027: 270N, 036: 360N, 054: 540N 072: 720N

e: Detector(Linear Scale)

Symbol	Maker Style Number	Output signal	Scale resolution	Manufacturer
AH20	LIDA487	Analogue	20µm-1Vp-p	HEIDENHAIN
AH04	LIF487	Analogue	4µm-1Vp-p	HEIDENHAIN
AM20	M1000	Analogue	20µm-1Vp-p	MicroE
ABS1	ST781A	Digital(Serial)	0.5µm resolution	MITSUTOYO
ABS2	ST782A	Digital(Serial)	0.1µm resolution	MITSUTOYO

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f: Design Revision
A to Z

g: Optional parts:

Symbol	Contents	Remarks
-	Without hall sensor	---
P	With hall sensor	---

h: Design of RoHS responses model: -E or blank
If be indicated "-E",
Those models represent RoHS responses model.

2) Exclusive Design for Customer

SGTMF X X - XXX XXXX XX XX X
a b c d e f g h

a to d : same as standard

f: Customer Code

g: Design Revision Order for Customer

h: Design of RoHS responses model: -E or blank
If be indicated "-E",
Those models represent RoHS responses model.

SGL Series:

SGLG, SGLF, SGLT Type:

1) Standard

Moving Coils:

SGL X W - XX A XXX X X X X
a b c d e f g h i j

a: Linear Servo Motor(Linear Σ)Series : SGL

b: Motor Type

Symbol	Motor Type	Construction
G	Coreless GW	The coreless GW linear motors are composed of "coil Assemblies" and stationary "Magnetic Ways".
F	Iron-core FW	The Iron-core FW linear motors are composed of "Coil Assemblies" with laminated iron-core and single sided stationary "Magnetic Ways".
T	Iron-core TW	The Iron-core TW linear motors are composed of "coil Assemblies" with laminated iron-core and a pair of stationary "Magnetic Ways" that are placed on each side of the moving coils.



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- c: Coil Design
W: Moving Coils
- d: Magnet Size
20 to 90,1Z(=100mm)
- e: Supply Voltage
A : 200V , D : 400V
- f: Coil Length (mm)
50 to 600
- g: Design Revision
A to Z
- h: Optional parts

Symbol	Contents	Remarks	
-	Without hall sensor	---	
P	With hall sensor	---	
C	Without hall sensor and forced cooling	Air cooling	SGLGW-40,-60,-90
		Liquid cooling	SGLTW-40,-80
H	With hall sensor and forced cooling	Air cooling	SGLGW-40,-60,-90
		Liquid cooling	SGLTW-40,-80

i: Cable Connector Main Circuit Cable

Symbol	Contents
-	MS connector or connector made by Tyco Electronics Japan G.K.
D	Connector made by Interconnectron

- j: Design of RoHS responses model: -E or blank
If be indicated "-E",
Those models represent RoHS responses model.

Magnet tracks:

SGL X M - XX XXX X X X
a b c d e f g h

a: Linear Servo Motor(Linear Σ)Series : SGL

b: Motor Type
G: Coreless G TYPE
F: Iron-Core F TYPE
T: Iron-Core T TYPE

c: Magnet Tracks Design
M: Magnet Tracks

d: Magnet Size
20 to 90,1Z(=100mm)



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e: Magnet Track Length(mm)
90 to 945

f: Design Revision
A to Z

g: Option

Options		
Symbol	Contents	Applicable Model
C	With magnet cover	Only for all Iron-core types • SGLFM • SGLTM
Y	With magnet cover and mounting base	Only for Iron-core types • SGLTM
T	Mounting location of the side and base	Only for the following coreless types • SGLGM-40,60
-M	High Thrust force	

h: Design of RoHS responses model: -E or blank
If be indicated "-E",
Those models represent RoHS responses model.

2) EXCLUSIVE DESIGN FOR CUSTOMER

Moving Coils:

$\frac{SGL}{a}$ $\frac{X}{b}$ $\frac{W}{c}$ - $\frac{XX}{d}$ $\frac{X}{e}$ $\frac{XXX}{f}$ $\frac{X}{g}$ - $\frac{XX}{h}$ $\frac{XX}{i}$ $\frac{X}{j}$

a to g : same as standard

h: Customer Code (any alphabets)

i: Design Revision Order for Customer(any numbers)

j: Design of RoHS responses model: -E or blank
If be indicated "-E",
Those models represent RoHS responses model.

Magnet Tracks:

$\frac{SGL}{a}$ $\frac{X}{b}$ $\frac{M}{c}$ - $\frac{XX}{d}$ $\frac{XXX}{e}$ $\frac{X}{f}$ - $\frac{XX}{g}$ $\frac{XX}{h}$ $\frac{X}{i}$

a to f : same as standard

g: Customer Code (any alphabets)

h: Design Revision Order for Customer(any numbers)

i: Design of RoHS responses model: -E or blank
If be indicated "-E",
Those models represent RoHS responses model.



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SGLC Type:

1) Standard

Moving Coils:

SGL C W - DXX X XXX X X X
a b c d e f g h i

a: Linear Servo Motor(Linear Σ)Series : SGL

b: Motor Type

C: Cylinder TYPE

c: Coil Design

W: Moving Coils

d: Outer Diameter of Magnetic Way

D16:16mm , D20:20mm , D25:25mm , D32:32mm

e: Supply Voltage

A: 200V

f: Coil Length (mm)

85 to 285

g: Design Revision

A to Z

h: Optional parts

Symbol	Contents	Remarks
-	Without hall sensor	---
P	With hall sensor	---

i: Design of RoHS responses model: -E or blank

If be indicated "-E",

Those models represent RoHS responses model.

Magnet Tracks:

SGL C M - DXX XXX X X
a b c d e f g

a: Linear Servo Motor(Linear Σ)Series : SGL

b: Motor Type

C: Cylinder TYPE

c: Magnet Tracks Design

M: Magnet Tracks

d: Outer Diameter of Magnetic Way

D16:16mm , D20:20mm , D25:25mm , D32:32mm

e: Magnet Track Length(mm)

300 to 1500



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f: Design Revision

A to Z

g: Design of RoHS responses model: -E or blank

If be indicated "-E",

Those models represent RoHS responses model.

2) EXCLUSIVE DESIGN FOR CUSTOMER

Moving Coils:

$\frac{SGL}{a}$ $\frac{C}{b}$ $\frac{W}{c}$ - $\frac{DXX}{d}$ $\frac{X}{e}$ $\frac{XXX}{f}$ $\frac{X}{g}$ - $\frac{XX}{h}$ $\frac{XX}{i}$ $\frac{X}{j}$

a to g : same as standard

h: Customer Code (any alphabets)

i: Design Revision Order for Customer(any numbers)

j: Design of RoHS responses model: -E or blank

If be indicated "-E",

Those models represent RoHS responses model.

Magnet Tracks:

$\frac{SGL}{a}$ $\frac{C}{b}$ $\frac{M}{c}$ - $\frac{DXX}{d}$ $\frac{XXX}{e}$ $\frac{X}{f}$ - $\frac{XX}{g}$ $\frac{XX}{h}$ $\frac{X}{i}$

a to f : same as standard

g: Customer Code (any alphabets)

h: Design Revision Order for Customer(any numbers)

i: Design of RoHS responses model: -E or blank

If be indicated "-E",

Those models represent RoHS responses model.

SGLF*2 Type:

1) Standard

Moving Coils:

$\frac{SGL}{a}$ $\frac{F}{b}$ $\frac{W}{c}$ 2 - $\frac{XX}{d}$ $\frac{X}{e}$ $\frac{XXX}{f}$ $\frac{X}{g}$ $\frac{X}{h}$ $\frac{X}{i}$ $\frac{X}{j}$

a: Linear Servo Motor(Linear Σ)Series : SGL

b: Motor Type

F: Iron-core F TYPE

c: Coil Design

W: Moving Coils



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d: Magnet Size
30 to 90, 1D(=135mm)

e: Supply Voltage
A : 200V , D : 400V

f: Coil Length (mm)
70 to 560

g: Design Revision
A to Z

h: Optional parts

Symbol	Contents	Remarks
T	Without hall sensor, with thermal protector	---
S	With hall sensor and thermal protector	---
K	Without hall sensor, with thermistor	---
J	With hall sensor and thermistor	---

i: Cooling Method

Symbol	Contents	Remarks
1	Self-cooled	---
L	Water-cooled	SGLFW2-90, SGLFW2-1D

j: Cable Connector Main Circuit Cable

Symbol	Contents	Remarks
-	Connector from Tyco Electronics Japan G.K. (Cable Length=300mm)	---
H	Connector from Tyco Electronics Japan G.K. (Cable Length=500mm)	---
D	Connector from Phoenix Contact GmbH (Cable Length=300mm)	---
E	Connector from Phoenix Contact GmbH (Cable Length=500mm)	---
F	Loose lead wires with no connector (Cable Length=300mm)	---
G	Loose lead wires with no connector (Cable Length=500mm)	---

Magnet tracks:

SGL F M 2 - XX XXX X
a b c d e f

a: Linear Servo Motor(Linear Σ)Series : SGL

b: Motor Type
F: Iron-Core F TYPE

c: Magnet Tracks Design
M: Magnet Tracks

d: Magnet Size
30 to 90,1D(=135mm)

Certificate Attachment
 Certificate No.



Product Service

B 16 07 22021 669

e: Magnet Track Length(mm)
 270 to 714

f: Design Revision
 A to Z

2) EXCLUSIVE DESIGN FOR CUSTOMER

Moving Coils:

$\frac{SGL}{a}$ $\frac{F}{b}$ $\frac{W}{c}$ 2 - $\frac{XX}{d}$ $\frac{X}{e}$ $\frac{XXX}{f}$ $\frac{X}{g}$ - $\frac{XX}{h}$ $\frac{XX}{i}$

a to g : same as standard

h: Customer Code (any alphabets)

i: Design Revision Order for Customer(any numbers)

Magnet Tracks:

$\frac{SGL}{a}$ $\frac{F}{b}$ $\frac{M}{c}$ 2 - $\frac{XX}{e}$ $\frac{XXX}{d}$ $\frac{X}{f}$ - $\frac{XX}{g}$ $\frac{XX}{h}$

a to f : same as standard

g: Customer Code (any alphabets)

h: Design Revision Order for Customer(any numbers)