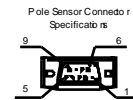
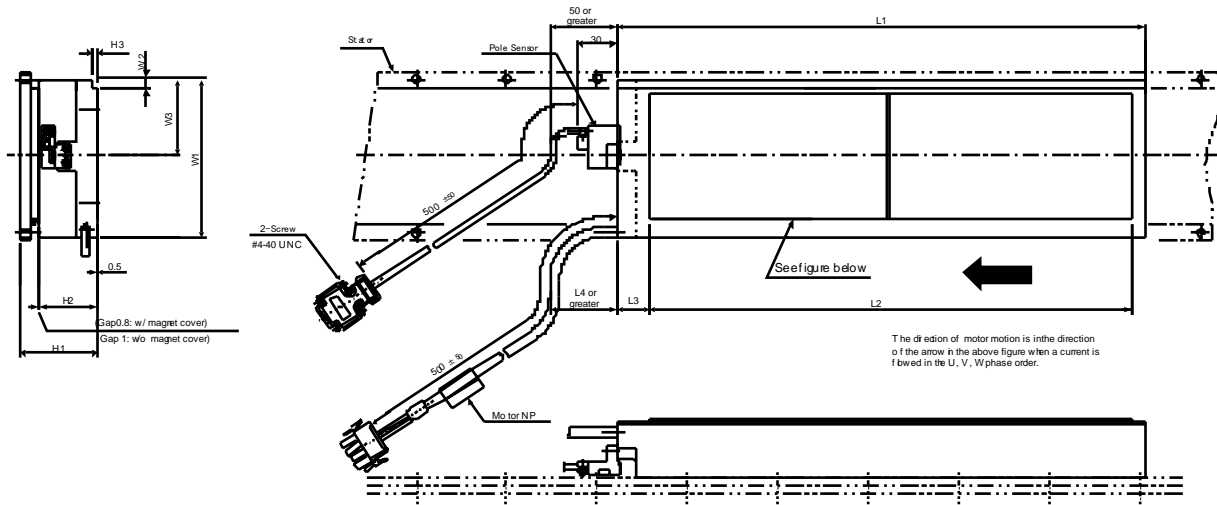


# Motor Dimensional Drawing (SGLFW-□□A□□□A□)



Ph T ype:  
Connector: 17.E-23090-02(D8C)  
Dai-ichi Denko, Inc.

Counterpart Model Numbers

Socket T ype:  
Connector: 17.E-13090-02(D8C)  
S tuts: 17L-002C or 17L-002C-1

Pin No.	Name
1	+5VDC
2	U
3	V
4	W
5	0V
6	Empty
7	Empty
8	Empty
9	Empty

Motor Connector Connection Specifications



Plug: 350779-1 AMP  
Pin: 350218-3 or 350547-3 (No.1-3) 350654-1 350669-1 (No.4)

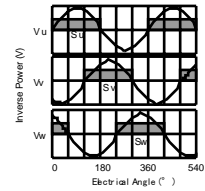
Counterpart Model Numbers

Cap: 350780-1  
Socket 350536-6 or 350550-6

Pin No.	Name	Color
1	U-Phase	Red
2	V-Phase	White
3	W-Phase	Black
4	FG	Green

Pole Sensor Output Signal

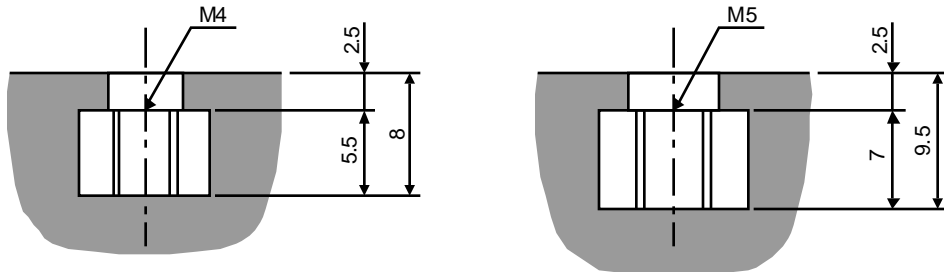
The relationship between pole sensor output signals S<sub>u</sub>, S<sub>v</sub>, and S<sub>w</sub> and the inverse power of each of the motor phases V<sub>u</sub>, V<sub>v</sub>, and V<sub>w</sub>, when the motor moves in the direction of the arrow in the above diagram is shown in the figure at right.

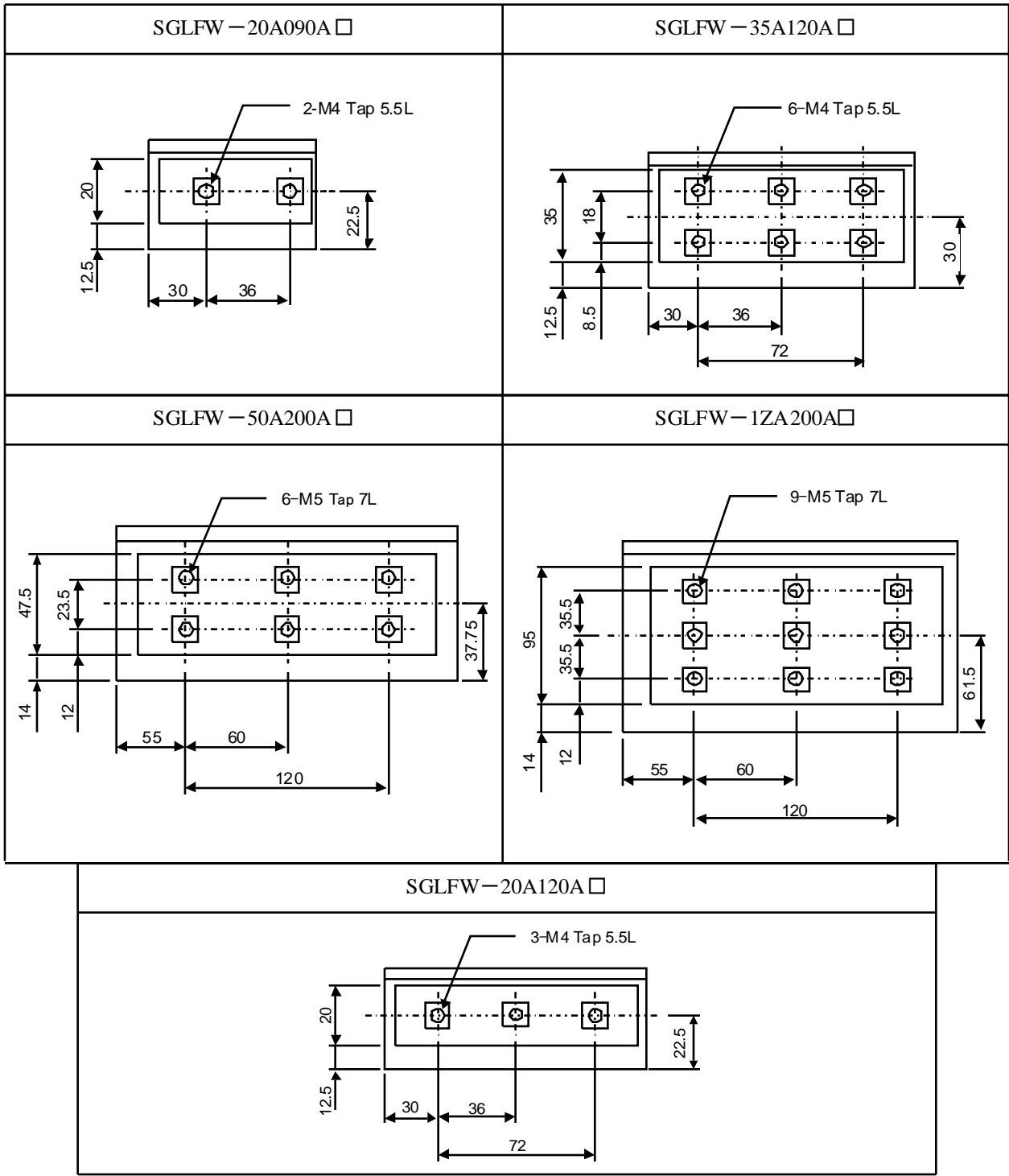


Motor Model SGLFW-	Dim. L1	Dim. L2	Dim. L3	Dim. L4	Dim. H1	Dim. H2	Dim. H3		
20A090A□	91	72	12	30	45	34	2		
20A120A□	127	108	12		30	45	34	2	
35A120A□	127	108	12			30	45	34	2
35A230A□	235	216	12				30	45	34
50A200A□	215	180	25	50				58	43
50A380A□	395	360	25		50			58	43
1ZA200A□	215	180	25			50		58	43
1ZA380A□	395	360	25				50	58	43

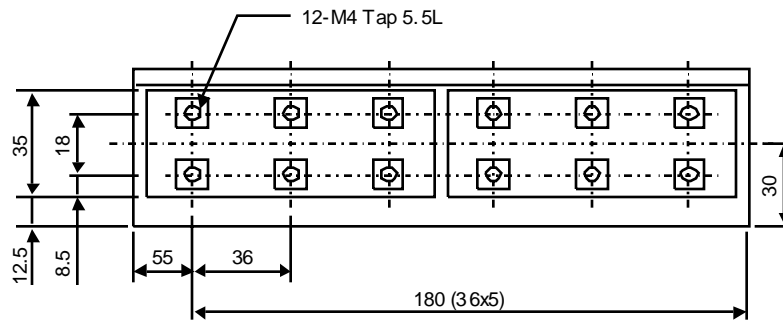
Motor Model SGLFW-	Dim. W1	Dim. W2	Dim. W3	Mass (Kg)	Magnet Track Model SGLFM-
20A090A□	40	5.5	17.5	0.7	20□□□A
20A120A□				0.9	
35A120A□	55	5.5	25	1.3	35□□□A
35A230A□				2.3	
50A200A□	71.5	7	33.75	3.7	50□□□A
50A380A□				6.9	
1ZA200A□	119	7	57.5	6.4	1Z□□□A
1ZA380A□				12.2	

Thread Details for Mounting

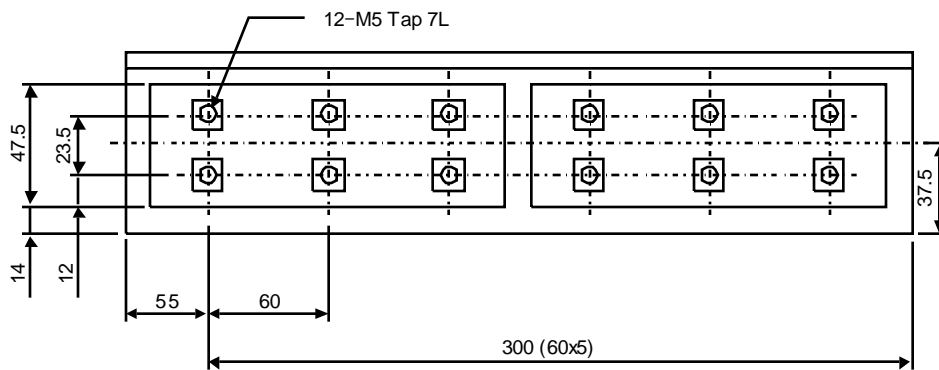




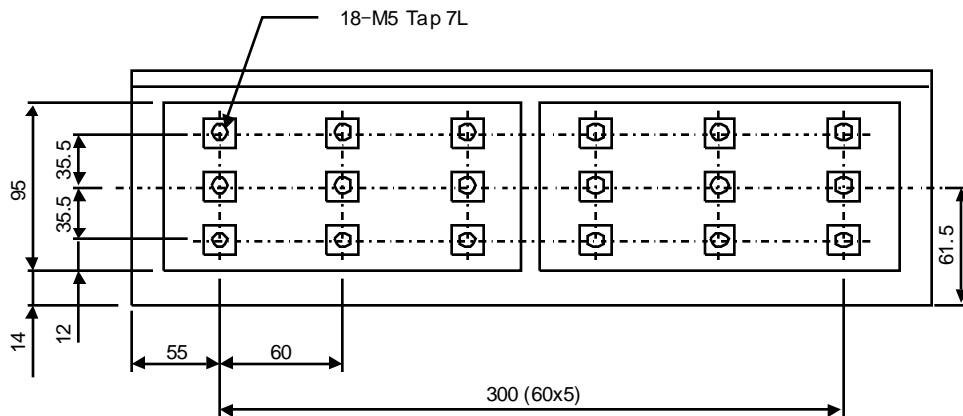
SGLFW-35A230A □



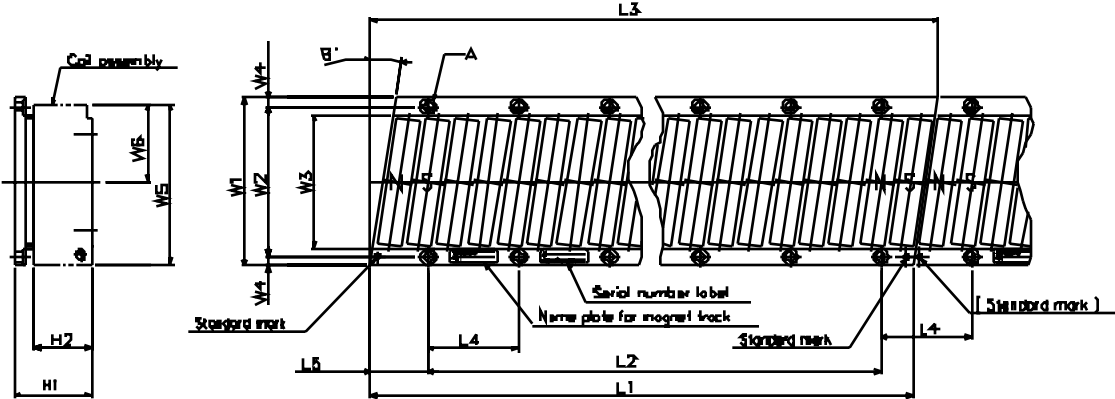
SGLFW-50A380A □



SGLFW-1ZA380A □



Dimensional Drawing of Magnet Track (SGLFM-□□□□□A)



		Magnet Track Model											
		20324AC	20540AC	20756AC	35324AC	35540AC	35756AC	50405AC	50675AC	50945AC	1Z405AC	1Z675AC	1Z945AC
Mass (Kg)		0.9	1.4	2	1.2	2	2.9	2.8	4.6	6.5	7.3	12	17
Dimensions	L1	324	540	756	324	540	756	405	675	945	405	675	945
	L2	270	486	702	270	486	702	337.5	607.5	877.5	337.5	607.5	877.5
	L3	331.6	547.6	763.6	334.4	550.4	766.4	416.3	686.3	956.3	423.9	693.9	963.9
	L4	54	54	54	54	54	54	67.5	67.5	67.5	67.5	67.5	67.5
	W1	44	44	44	60	60	60	75	75	75	125	125	125
	W2	35	35	35	51	51	51	65	65	65	112	112	112
	W3	25.4	25.4	25.4	40.4	40.4	40.4	52.4	52.4	52.4	99.4	99.4	99.4
	W4	4.5	4.5	4.5	4.5	4.5	4.5	5	5	5	6.5	6.5	6.5
	W5	40	40	40	55	55	55	71.5	71.5	71.5	119	119	119
	W6	17.5	17.5	17.5	25	25	25	33.75	33.75	33.75	57.5	57.5	57.5
	H1	45	45	45	45	45	45	58	58	58	58	58	58
	H2	34	34	34	34	34	34	43	43	43	43	43	43
A		2 x 6 - 4.8 Hole	2 x 10 - 4.8 Hole	2 x 14 - 4.8 Hde	2 x 6 - 4.8 Hole	2 x 10 - 4.8 Hole	2 x 14 - 4.8 Hole	2 x 6 - 5.8 Hole	2 x 10 - 5.8 Hole	2 x 14 - 5.8 Hole	2 x 6 - 7 Hole with 11.5 Spot Facing 1.5 Depth	2 x 10 - 7 Hole with 11.5 Spot Facing 1.5 Depth	2 x 14 - 7 Hole with 11.5 Spot Facing 1.5 Depth
B		9.9	9.9	9.9	9.9	9.9	9.9	8.6	8.6	8.6	8.6	8.6	8.6