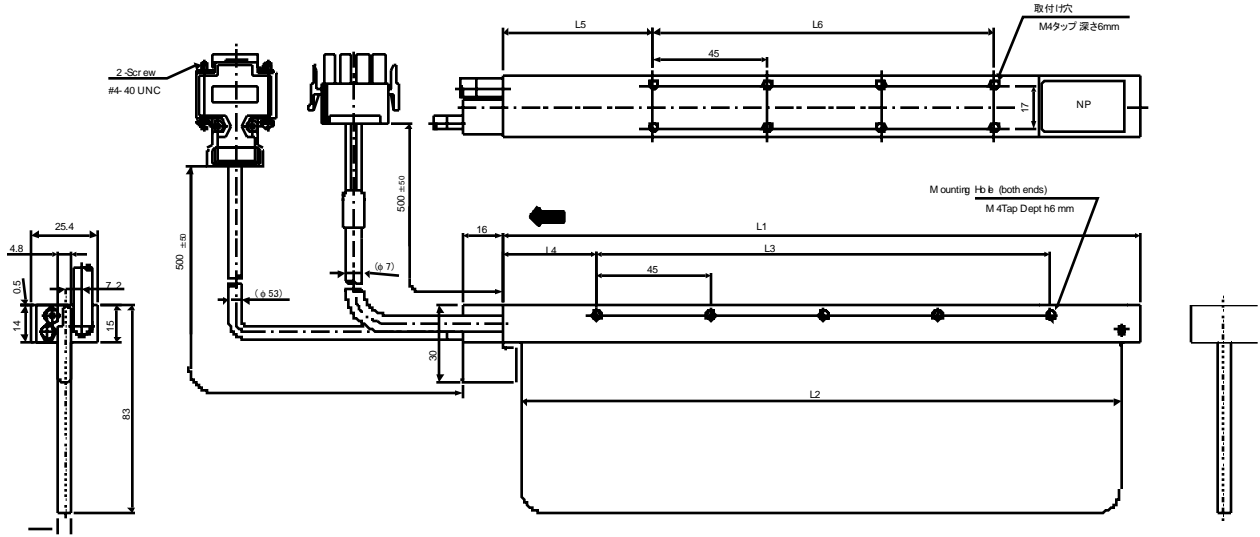


Dimensional Drawing of Motor (SGLGW-□□ □□A□□□A□)



Pole Sensor Connector Specifications

Pin Type
Connector: 17JE-23090-02 (DBC)
Dai-ichi Denryo, Inc.

Counterpart Model Number

Socket Type
Connector: 17JE-13090-02 (DBC)
Studs: 17L-002C or 17L-002C1

Pin No.	Name
1	+5V (Source)
2	U-Phase
3	V-Phase
4	W-Phase
5	0V (Source)
6	Empty
7	Empty
8	Empty
9	Empty

Motor Connector Specifications

Flag: 350779-1 AMP
Pin: 350561-3 or 350690-3 (No. 1-3)
350654-1
350669-1 (No. 4)

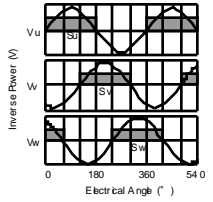
Counterpart Model Number

Cap: 350780-1
Socket: 350570-3 or 350689-3

Pin No.	Name	Color
1	U-Phase	Red
2	V-Phase	White
3	W-Phase	Blue
4	FG	Grn/Yel

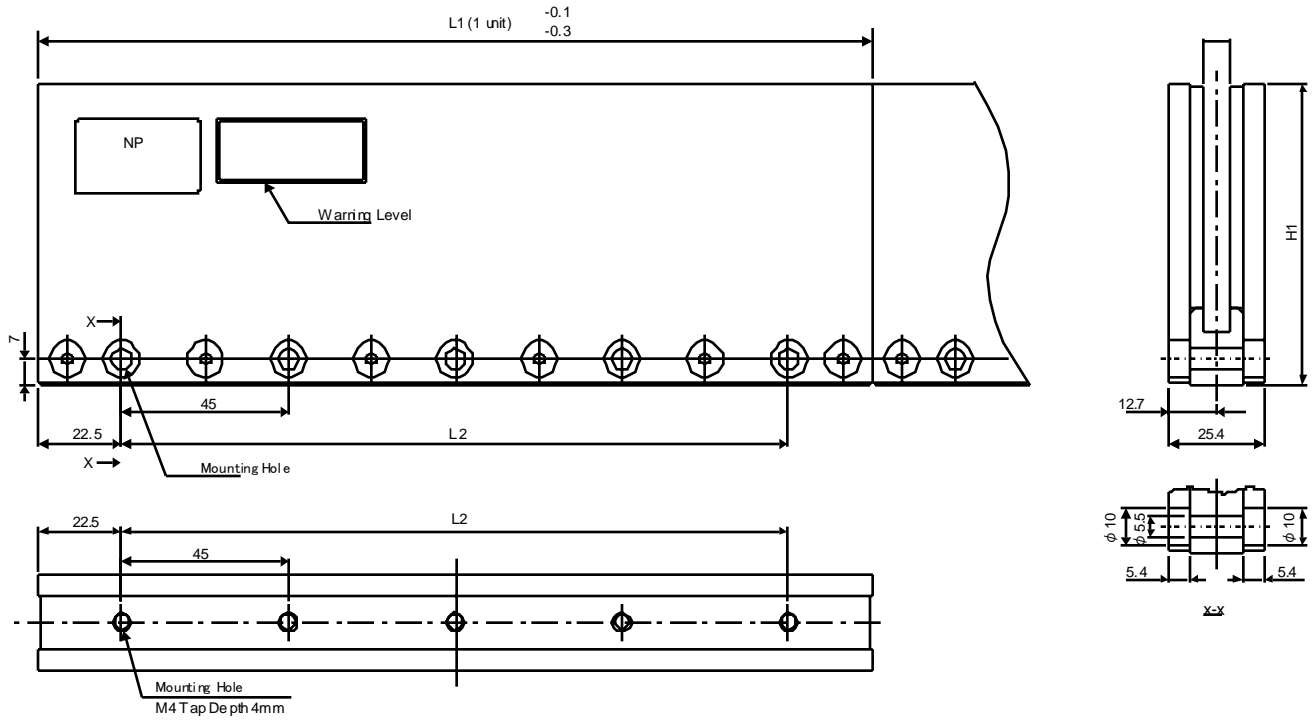
Pole Sensor Output Signal

When the motor moves in the direction indicated by the arrow in the figure, the relationship between the pole sensor output signals Su, Sv, and Sw, and the inverse power of each motor phase becomes as shown in the figure at right.



Motor Model SGLGW-	Dim. L1	Dim. L2	Dim. L3	Dim. L4	Dim. L5	Dim. L6	Dim. H1	Units N1	Units N2	Mass (Kg)	Magnet Track Model SGLGM-
40A140A□	140	125	90	30	52.5	45	63	3	4	0.39	40□□□A
40A253A□	252.5	237.5	180	37.5	60	135	63	5	8	0.65	
40A365A□	365	350	315	30	52.5	270	63	8	14	0.91	
60A140A□	140	125	90	30	52.5	45	83	3	4	0.47	60□□□A
60A253A□	252.5	237.5	180	37.5	60	135	83	5	8	0.80	
60A365A□	365	350	315	30	52.5	270	83	8	14	1.13	

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



Magnet Track Model SGLGM-	Dim. L1	Dim. L2	Dim. H1	Units N	Mass (Kg)
40090A	90	45	62	2	0.8
40225A	225	180	62	5	2.0
40360A	360	315	62	8	3.1
40405A	405	360	62	9	3.5
40450A	450	405	62	10	3.9
60090A	90	45	82	2	1.0
60225A	225	180	82	5	2.6
60360A	360	315	82	8	4.1
60405A	405	360	82	9	4.6
60450A	450	405	82	10	5.1

Structural Diagram of SGLGW

