

ZH30119 Series Servo Motor/Encode Slip Ring

Hole 30mm, OD 119mm, support 1~8pcs servo motor+1~96circuits power/signal

Specially desinged for servo motor/encoder of SIMEMS, YASKAWA, Panasonic, Mitsubishi, suitable for all kinds of foreign & domesitc servo mortor / stepper motor. More than 10years operating experiences in SIMEMS/HEIDENHAIN control system, high reliability.

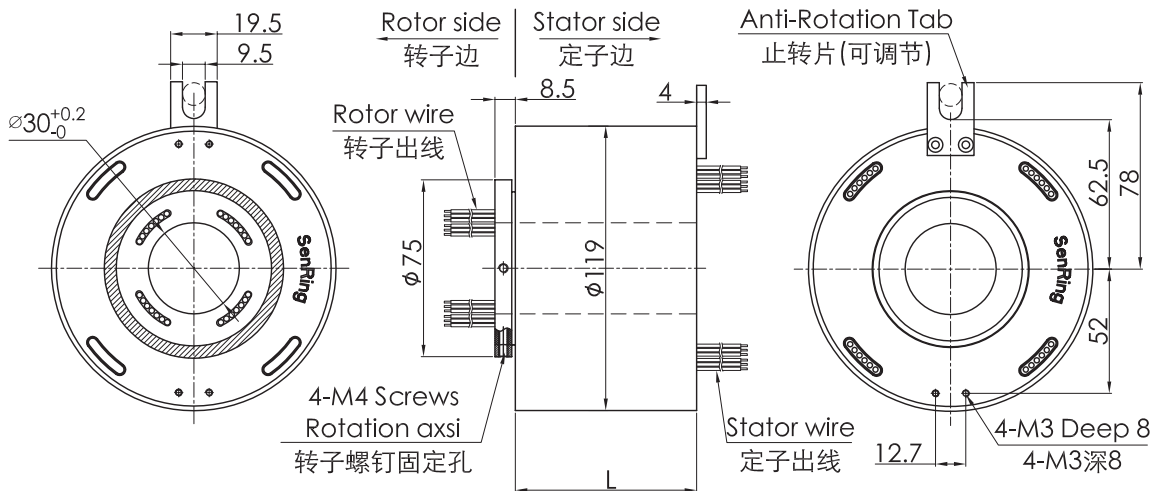
Part No. Description

ZH30119	Servo motor No.	Power circuits	Signal circuits	Grade code
servo motor encode slip ring hole size 30mm, OD 119mm				C: Standardf D: Industrial H: high quality
For example: 1pcs servo motor(two cables, 1*4cores@10A cable for power+1* 6 cores sheilded cable for encorder signal) 02: 2pcs servo motor 03: 3pcs servo motor , and so on				For example: 06S: 6 circuits signal@5A 12S: 12 circuits signal@5A For example: 0610:6circuits@10A 1230:12circuits@30A

Example

ZH30119-01-0610: support 1pcs servo motor+6 circuits@10A cable for power, hole size 30mm, Body Diameter 119mm
ZH30119-04-1210-12S: support 4 pcs servo motor+12 circuits@10A cable for power+12 circuits@5A cable for signal, hole size 30mm, OD 119mm.

Remark: More details or ask for customized solution, pls contact us, E-mail: info@senring.com senring.us@gmail.com



Standard Model List

Part no.	Servo motor No.	Power circuits (10A)	Signal circuits (5A)	Length L(mm)	Part no.	Servo motor No.	Power circuits (10A)	Signal circuits (5A)	Length L(mm)
ZH30119-01	1	0	0	76	ZH30119-04	4	0	0	220
ZH30119-01-06S	1	0	6	100	ZH30119-04-06S	4	0	6	244
ZH30119-01-12S	1	0	12	124	ZH30119-04-12S	4	0	12	268
ZH30119-01-24S	1	0	24	172	ZH30119-04-24S	4	0	24	316
ZH30119-01-1210-12S	1	12	12	172	ZH30119-04-1210-12S	4	12	12	316
ZH30119-01-0610-30S	1	6	30	268	ZH30119-04-0610-30S	4	6	30	412
ZH30119-01-36S	1	0	36	268	ZH30119-04-36S	4	0	36	412
ZH30119-01-1210-36S	1	12	36	316	ZH30119-04-1210-36S	4	12	36	460
ZH30119-01-48S	1	0	48	316	ZH30119-04-48S	4	0	48	460
ZH30119-01-2410-48S	1	24	48	412	ZH30119-04-2410-48S	4	24	48	556
ZH30119-01-72S	1	0	72	412	ZH30119-04-72S	4	0	72	556

Part no.	Servo motor No.	Power circuits (10A)	Signal circuits (5A)	Length L(mm)	Part no.	Servo motor No.	Power circuits (10A)	Signal circuits (5A)	Length L(mm)
ZH30119-01-96S	1	0	96	508	ZH30119-04-96S	4	0	96	652
ZH30119-01-120S	1	0	120	604	ZH30119-04-120S	4	0	120	748
ZH30119-02	2	0	0	124	ZH30119-08	8	0	0	412
ZH30119-02-06S	2	0	6	148	ZH30119-08-06S	8	0	6	436
ZH30119-02-12S	2	0	12	172	ZH30119-08-12S	8	0	12	460
ZH30119-02-24S	2	0	24	220	ZH30119-08-24S	8	0	24	508
ZH30119-02-1210-12S	2	12	12	220	ZH30119-08-1210-12S	8	12	12	508
ZH30119-02-0610-30S	2	6	30	316	ZH30119-08-0610-30S	8	6	30	604
ZH30119-02-36S	2	0	36	316	ZH30119-08-36S	8	0	36	604
ZH30119-021210-36S	2	12	36	364	ZH30119-08-1210-36S	8	12	36	652
ZH30119-02-48S	2	0	48	364	ZH30119-08-48S	8	0	48	652
ZH30119-02-2410-48S	2	24	48	460	ZH30119-08-2410-48S	8	24	48	748
ZH30119-02-72S	2	0	72	460	ZH30119-08-72S	8	0	72	748
ZH30119-02-96S	2	0	96	556	ZH30119-08-96S	8	0	96	844
ZH30119-02-120S	2	0	120	652	ZH30119-08-120S	8	0	120	940

*Remark: 1pcs servo motor(two cables,1*4 cores@10A cable for power+1*6 cores shielded cable for encode signal).

Technical Specification

Mechanical		Electrical		
Spec.	Data	Spec.	Data	
			Power	Signal
Working Life	pls refer to product grade table			
Rotating Speed	pls refer to product grade table	Voltage Range	0~440VAC/VDC	0~440VAC/VDC
Working Temp.	-30C ~80C	Insulation Resistance	≥ 1000M /500VDC	≥ 1000M /500VDC
Work Humidity	0~85% RH	Lead Wire Spec.	power cable or AWG#17 teflon wire	6 cores shielded cable or AWG#22 teflon wire
Contact Material	refer to slip ring grade table	Lead Wire Length	standard 300mm(can be customized)	
Housing Material	aluminum alloy	Dielectric Strength	500VAC@50Hz, 60s	
Torque	0.1N.m+0.03N.m/6circuits	Electrical Noise	<0.01	
Mechanical Vibration	MIL-STD-810E	Loss Rate	<0.02%	
Material	RoHS certification	CE Certification	YES	

Product Grade Table

Grade code	Max rotating speed	Working life	Contact material
C:standard	400RPM	20millisons revolutions	precious metal
D:industrial	800RPM	60millisons revolutions	precious metal
H:high quality	1200RPM	150millisons revolutions	gold alloy

Color Code of Lead Wire

ring#	1	2	3	4	5	6	7	8	9	10	11	12
color	BLK	BRN	RED	ORG	YEL	GRN	BLU	PUR	GRY	WHT	PINK	LGT BLU
ring#	13	14	15	16	17	18	19	20	21	22	23	24
color	WHT/BLK	WHT/BRN	WHT/RED	WHT/ORG	WHT/YEL	WHT/GRN	WHT/BLU	WHT/PUR	WHT/GRY	BLK/RED	BLK/BRN	Transparent

Remark: "1" : the first wire from rotor side ,ZH30119-01 wire color sequence: BLK/BRN/RED/ORG/YEL/GRN/BLU/PUR/GRY/WHT , 24 color wires as one group , if more than 24wires, repeat as sequence , use number tube to tell group 1#, 2#....