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Series Nomenclature of

AC SERVO MOTOR Σ -V mini Series (SGMMV Type)

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1. SGMMV TYPE

1.1 Model Description

1.1.1 Product Covered:

1) Standard

Component-AC Servo Motors, Series SGMMV, followed by B3, B5, B9, A1, A2 or A3, followed by E or A, followed by 2, followed by A, followed by 2 or A, may be followed by additional letters and or numbers.

2) With Gear

Component-AC Servo Motors, Series SGMMV, followed by A1, A2, A3, followed by E or A, followed by 2, followed by AJ, followed by 1 or A, 2 or B, 3 or C, followed by 0, 2, 6, 3, may be followed by additional letters and or numbers.

3) Exclusive Design for Customer

Component-AC Servo Motors, Series SGMMV, followed by B3, B5, B9, A1, A2 or A3, followed by E or A, followed by 2, followed by A, followed by "-", may be followed by customer code.

1.1.2 Electrical Ratings:

SERVO MOTOR	Voltage	Phases	Rated Current [A _{rms}]	Rated Output [W]
SGMMV-B3Exxxx			1.5	3. 3
SGMMV-B5Exxxx	48VDC	3	1. 5	5. 5
SGMMV-B9Exxxx			1. 7	11
SGMMV-A1Exxxx			2. 1	10
SGMMV-A2Exxxx	48VDC	3	2. 0	20
SGMMV-A3Exxxx			2. 9	30
SGMMV-A1Axxxx			0.70	10
SGMMV-A2Axxxx	200VAC	3	0.66	20
SGMMV-A3Axxxx			0. 98	30

[&]quot;x" represents variations in model number as described in product covered and series nomenclature which do not affect electrical construction or rating. Refer to "Series Nomenclature".

1.1.3 Series Nomenclature:

1)Standard

Motor type Items Motor Output	SGMW (Group) B3 B5 B9 A1	Rated Output[W] 3.3 5.5 11 10
	B3 B5 B9 A1	3. 3 5. 5 11
	B3 B5 B9 A1	3. 3 5. 5 11
Motor Output	B5 B9 A1	5. 5 11
	B9 A1	11
	A1	
		10
	A2	20
	A3	30
Items	(Group)	Power Supply Voltages[V]
Power Supply	Е	48VDC
	A	200VAC
		(Motor output variation are only 3 types, A1,
		A2, and A3)
Items	(Group)	Design Revision Order
Encoder	2	17bit Serial Absolute Value
Items	(Group)	Design Revision Order
Design Revision Order	A	Standard
	Power Supply Items Encoder Items	A3 Items (Group) Power Supply E A Items (Group) Encoder 2 Items (Group)

Letters	Items	(Group)	Shaft Type
f	Shaft Type	2	Straight (without keyway)
		A	Straight (with a flat key seat)

Letters	Items	(Group)	Optional Specifications
g	Optional Specifications	1	Without Option
		С	With Brake (24V)
			(Motor output variation are only 3 types, A1,
			A2, and A3)

Letters	Items	(Group)	Optional Specifications
h	Lead wire length	Blank	300mm
	Specification	Н	500mm
		J	1000mm
		K	1500mm

2) With Gear (Motor output variation are only 3 types, A1, A2, and A3)

		1	
Letters	Items	(Group)	
а	Motor type	SGMMV	
T			
Letters	Items	(Group)	Rated Output[W]
b	Motor Output	A1	10
		A2	20
		A3	30
Letters	Items	(Group)	Power Supply Voltages [V]
С	Power Supply	Е	48VDC
		A	200VAC
Letters	Items	(Group)	Design Revision Order
d	Encoder	2	17bit Serial Absolute Value
	•		
Letters	Items	(Group)	Design Revision Order
е	Design Revision Order	АJ	With Gear
l		II.	
Letters	Items	(Group)	Reduction Ratio
f	Reduction Ratio	1 or A	1/5
		2 or B	1/16
		3 or C	1/25
Letters	Items	(Group)	Shaft Type
g	Shaft Type	0	Flange Type (without keyway)
		2	Straight (without keyway)
		6	Straight (with keyway and tapped hole)
		8	Straight (tapped hole)
	1	,	
Letters	Items	(Group)	Optional Specifications
h	Optional Specifications	1	Without Option
		С	With Brake (24V)
	L	1	
Letters	Items	(Group)	Optional Specifications
h	Lead wire length	Blank	300mm
	Specification	Н	500mm
		J	1000mm
		K	1500mm
	1	**	A V V V V V V V V V V V V V V V V V V V

3)Exclusive design for customer

Letters	Items	(Group)	
a	Motor type	SGMMV	

Letters	Items	(Group)	Rated Output[W]
b	Motor Output	В3	3.3
		В5	5. 5
		В9	11
		A1	10
		A2	20
		A3	30

Items	(Group)	Power Supply Voltages[V]
Power Supply	Е	48VDC
	A	200VAC
		(Motor output variation are only 3 types, A1, A2, and A3)
		. 17

Letters	Items	(Group)	Design Revision Order
d	Encoder	2	17bit Serial Absolute Value

Letters	Items	(Group)	Design Revision Order
е	Design Revision Order	A	Standard
		AJ	With Gear
			(Motor output variation are only 3 types, A1,
			A2, and A3)
		K	Rating specifications, IP specifications,
			encoder and/or connector are changed for
			standard.
			With gear
			Rating specifications, IP specifications,
		КЈ	encoder and/or connector are changed for
		NJ	standard.
			(Motor output variation are only 3 types, A1,
			A2, and A3)

Letters	Items	(Group)	Customer Code
f, g	Customer Code	_	_

Letters	Items	(Group)	Customer Code
h, i	Design Revision Order	_	_
	For Customer		