





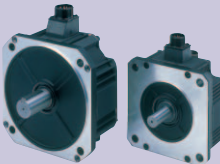



# List of Specifications

	Motor series	Rated output (kW)	Rated rotational speed (Max. speed) (r/min)	Rotary encoder		Brake Holding	Gear High precision	CE/UL	Enclosure	Features	Applications
				2500P/r incremental	17bit absolute/incremental						
Ultra low inertia	<b>MAMA</b> 	<b>0.1-0.75</b> 4 models 0.1, 0.2, 0.4 and 0.75	5000 (6000)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—	<input type="radio"/>	IP65 (Except shaft through hole and connector)	·Small capacity ·Suitable for the machines directly coupled with high speed ball screw and high stiffness and high repetitive application	·SMT machines ·Inserters ·High repetitive positioning application
Low inertia	<b>MSMD</b> 	<b>0.05-0.75</b> 5 models 0.05, 0.1, 0.2, 0.4 and 0.75	3000 (5000) *For 400W/100V and 750W 3000 (4500)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	IP65 (Except shaft through hole and connector)	·Small capacity ·Suitable for all applications	·Inserters ·Belt driven machines ·Unloading robot
	<b>MQMA</b> 	<b>0.1-0.4</b> 3 models 0.1, 0.2, and 0.4	3000 (5000) *For 400W/100V 3000 (4500)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—	<input type="radio"/>	IP65 (Except shaft through hole and connector)	·Small capacity ·Suitable for flat type and low stiffness machines with belt driven	·SMT machines ·Inserters ·Belt driven machines ·Unloading robot
	<b>MSMA</b> 	<b>1.0-5.0</b> 6 models 1.0,1.5,2.0, 3.0,4.0 and 5.0	3000 (5000) *For 4kW and 5kW 3000 (4500)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—	<input type="radio"/>	IP65 (Except cannon plug/connector pins)	·Middle capacity ·Suitable for the machines directly coupled with ball screw and high stiffness and high repetitive application	·SMT machines ·Inserter ·Food machines
Middle inertia	<b>MDMA</b> 	<b>1.0-5.0</b> 6 models 1.0,1.5,2.0, 3.0,4.0 and 5.0	2000 (3000)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—	<input type="radio"/>	IP65 (Except cannon plug/connector pins)	·Middle capacity ·Suitable for low stiffness machines with belt driven	·Belt driven machines ·Conveyers ·Robots
	<b>MGMA</b> 	<b>0.9-4.5</b> 4 models 0.9,2.0, 3.0 and 4.5	1000 (2000)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—	<input type="radio"/>	IP65 (Except cannon plug/connector pins)	·Middle capacity ·Suitable for machines requiring low speed with high torque	·Belt driven machines ·Conveyers ·Robots
	<b>MFMA</b> 	<b>0.4-4.5</b> 4 models 0.4,1.5, 2.5 and 4.5	2000 (3000)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—	<input type="radio"/>	IP65 (Except cannon plug/connector pins)	·Middle capacity ·Flat type and suitable for machines with space limitation	·Robots ·Food machines
High inertia	<b>MHMA</b> 	<b>0.5-5.0</b> 7 models 0.5,1.0,1.5, 2.0,3.0,4.0 and 5.0	2000 (3000)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—	<input type="radio"/>	IP65 (Except cannon plug/connector pins)	·Middle capacity ·Suitable for low stiffness machines with belt driven, and large load moment of inertia	·Belt driven machines ·Conveyers ·Robots

Motor is sharing with A4 series