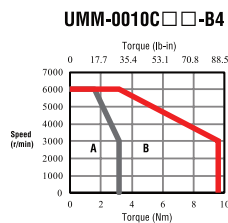
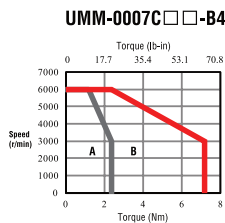
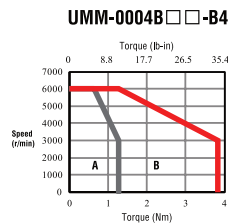
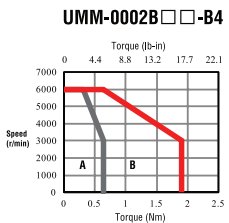
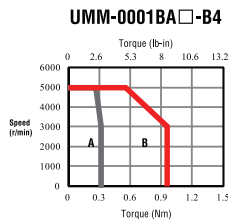
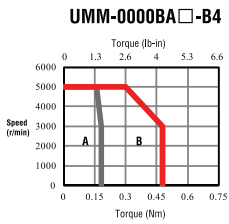


# Servo Motor Specification

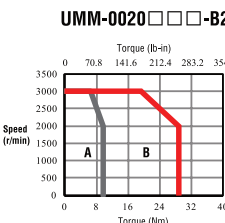
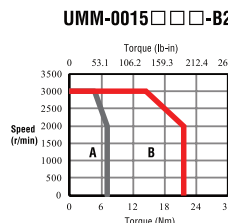
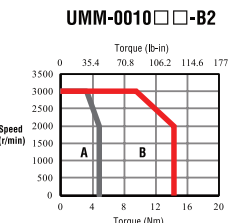
		200VAC		200VAC				200 VAC				400 VAC				
				B4				B2		B3		B2		B3		
Rated Output Power	Kw / HP	0.05 / 0.06	0.1 / 0.13	0.2 / 0.26	0.4 / 0.53	0.75 / 1	1 / 1.34	1.5 / 2.01	2 / 2.68	3 / 4.02	5 / 6.7	1 / 1.34	1.5 / 2.01	2 / 2.68	3 / 4.02	5 / 6.7
Rated Torque	NM / lb-in	0.16 / 1.41	0.32 / 2.83	0.637 / 5.63	1.27 / 11.23	2.39 / 21.15	3.18 / 28.14	7.16 / 63.36	9.55 / 84.51	14.3 / 126.55	23.9 / 211.51	4.78 / 42.3	7.16 / 63.36	9.55 / 84.51	14.3 / 126.55	23.9 / 211.51
Peak Torque	NM / lb-in	0.48 / 4.24	0.96 / 8.49	1.91 / 16.9	3.82 / 33.8	7.16 / 63.36	8.8 / 77.88	21.5 / 190.27	28.7 / 253.99	36.5 / 323.02	54.3 / 480.55	14.3 / 126.55	21.5 / 190.27	28.7 / 253.99	36.5 / 323.02	71.6 / 633.66
Rated Current	A	0.6	1.1	1.5	2.9	5.1	6.8	8.2	11.3	18.0	28.0	3.0	4.3	5.7	8.8	15.0
Max Current	A	1.7	3.0	4.7	9.2	15.3	21.0	24.6	33.9	54.0	84.0	9.0	12.9	17.1	26.4	45.0
Rated Speed	RPM	3000						2000								
Max. Speed	RPM	6000						3000								
Rotor Moment of Inertia (with brake)	kg*cm <sup>2</sup>	0.019 (0.05)	0.035 (0.052)	0.1469 (0.1794)	0.2435 (0.2759)	0.9094 (1.0655)	1.144 (1.3)	18.4 (19.5)	23.5 (24.6)	41.3 (44.5)	65.7 (68.9)	13.2 (14.3)	18.4 (19.5)	23.5 (24.6)	41.3 (44.5)	65.7 (68.9)
	lb-in <sup>2</sup>	0.0065 (0.017)	0.012 (0.0177)	0.0501 (0.0613)	0.0832 (0.0942)	0.3107 (0.3640)	0.3909 (0.4442)	6.2875 (6.6634)	8.0303 (8.40621)	14.1128 (15.2063)	22.3824 (23.5442)	4.5106 (4.8865)	6.2875 (6.6634)	8.0303 (8.40621)	14.1128 (15.2063)	22.3824 (23.5442)
weight (with brake)	kg	0.374 (0.566)	0.508 (0.7)	0.9 (1.3)	1.3 (1.7)	2.6 (3.2)	3.1 (3.8)	8.9 (10.4)	10.8 (12.3)	16.63 (20.23)	24.3 (27.9)	7 (8.5)	8.9 (10.4)	10.8 (12.3)	16.63 (20.23)	24.3 (27.9)
	lb	0.82 (1.24)	1.12 (1.543)	1.984 (2.866)	2.866 (3.747)	5.732 (7.054)	6.834 (8.377)	19.621 (22.928)	23.81 (27.116)	36.662 (44.6)	53.572 (61.509)	15.432 (18.74)	19.621 (22.928)	23.81 (27.116)	36.662 (44.6)	53.572 (61.509)
Brake Rated Voltage		DC24V±10%														
Brake Rated Power	W	4.0		7.4		9.6		19.5		35.0		19.5		35.0		
Brake Holding Torque	NM / lb-in	0.318 / 2.814		1.5 / 13.276		3.2 / 28.322		12 / 106.209		40 / 354.03		12 / 106.209		40 / 354.03		
Incremental Encoder	PPR	-		20 bit (1,048,576)				20 bit (1,048,576)								
Absolute Encoder	PPR	23bit (8,388,609)						23 bit (8,388,608)								
Insulation class		F														
Ambient Temperature	°C / °F	0→+40°C / 32→+104°F (No freezing)														
Ambient Humidity	RH	20% to 80% non-condensing														
Enclosure		IP65 / NEMA4X														

\* The values in parentheses are for servo motors with holding brakes

## UMM-B4



## UMM-B2



## BMM-B3

