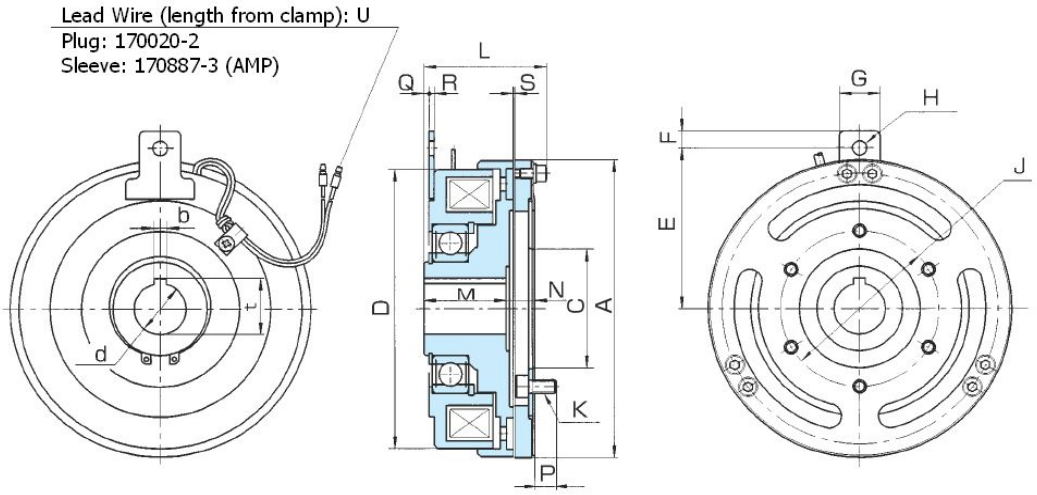
MMC

EM Clutch

Types: 5, 10, 20, 40

[EM: Electromagnet]



MMC		5E	5G	10E	10G	20E	20G	40E	40G
Static Torque [ft-lbs / N-m]		37 / 50		74 / 100		148 / 200		295 / 400	
Coil (20°C)	Voltage [DC-V]	12	24	12	24	12	24	12	24
	Current [A]	2.5	1.26	2.92	1.46	4.17	2.09	5.41	2.7
	Resistance [Ω]	4.8	19	4.11	16.4	2.88	11.5	2.22	8.9
	Wattage [W]	30		35		50		65	
Armature	Pull-In Time [ms]	50		70		80		120	
	Release Time [ms]	90		150		140		160	
Max Allowable Speed [rpm]		4000		3600		3000		3000	
Moment of Inertia (J) [kg-cm²]	Rotor	22		73		221		550	
	Armature	18		59		143		380	
Max Air Gap Until Adjustment [mm]		1.3		1.3		1.3		1.3	
Total Energy Until Adjustment [J]		13×10^7		20×10^7		28×10^7		40×10^7	
Total Energy Until Life [J]		33×10^7		50×10^7		71×10^7		100×10^7	
Bore [mm]	d_{H7}	25		30		40		50	
Key Way [mm]	b_{E9}	7		7		10		15	
	$t_{+0.25/-0}$	28		33		43.5		55	
Dimensions [mm]	A	141		176		221		261	
	C_{H9}	52		70		92		115	
	D	133		165		207.2		243	
	E	80		95		120		140	
	F	6		10		10		12	
	G	16		24		24		28	
	H	5.5		8.5		8.5		10.5	
	J	70		92		118		142	
	K	6xM6-12		6xM8-16		6xM10-20		8xM10-20	
	L	56.1		71.3		79.8		90.2	
	M	35		48		53		65	
	N	15.5		16.5		18		16.2	
	P	9.2		12.3		15.3		15.1	
	Q	2		3.1		3.1		6.8	
	R	2		2.9		2.9		3.2	
	S	0.3~0.5		0.3~0.5		0.4~0.6		0.5~0.7	
	U	400		370		410		380	
Weight [lbs / kg]		7.5 / 3.4		15.0 / 6.8		26.0 / 11.8		43.0 / 19.5	

[Included parts & accessories : bolts, plug 170021-2, sleeve 170889-2 (AMP), surge protector] [1" = 25.4mm]

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