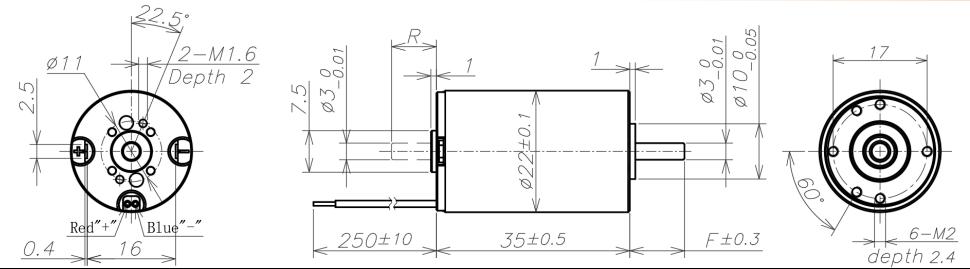
DC Coreless Motor AM-CL2235GAE-2408

Ref: FA230424-01





Precious metal brush Ball bearings										
Motor Model	Nominal voltage	No load speed ±12%	No load current	Recommend limit for continuous operating					Quartian	Stall
			Max 150%	Max cont. torque		Rated speed	Rated current	Rated power	Starting current	torque
	V	rpm	mA	mN.m		rpm	mA	W	mA	mN.m
2408	24	8100	60	16.7		6602	600	11.5	3243	90.1
Max power output	Max efficiency	Terminal resistance ±12%	Inductance (1KHZ)	Mechanical time constant		Moment of inertia	Torque constant	Speed constant	Speed/ torque gradient	Weight
W	%	Ω	mH	ms		gcm ²	mN.m/A	rpm/V	rpm/mN.m	g
19.5	74.7	7.4		6.0		6.1	27.8	343.9	89.9	53
Additional Information										
Motor thermal resistance: 25.0K/W					Motor thermal time constant: *****S					
Axial (dynamic): 3.0 N					Radial (5mm from head face):16 N					
Static press-in force (shaft support): 40(500) N					Max allowable screw depth into flange: 2.4 mm					
Maximum radial runout (5mm from the thread surface): ≤0.02 mm					Axial play: Preset					
F: Front axle extension: 9.9 mm					R: Rear axle extension: NO mm					
Maximum winding temperature: 125°C					Ambient temperature range:-40 to 85°C					
Motor data tested at 25°C. Motor operation exceeds continuous limits of operating range will reduce life cycle or result in damage.										

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