



Precious metal brush											Ball bearings										
Motor Model	Nominal voltage	No load speed ±12%	No load current Max 150%	Recommend limit for continuous operating				Starting current	Starting voltage(full inspection)	Stall torque											
				Max cont. torque	Rated speed	Rated current	Rated power														
	V	rpm	mA	mN.m	rpm	mA	W	mA	V	mN.m											
2405	24	5400	16	20.4	4579	500	9.8	3200	≤0.05	97											
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												
19.0	86	7.5	1.15	5.8	13.8	42.2	226	40	132												
Additional Information																					
Motor thermal resistance:				16.5K/W		Motor thermal time constant:				*****S											
Axial (dynamic):				7.3 N		Radial (5mm from head face):				28 N											
Static press-in force (shaft support):				60(120) N		Max allowable screw depth into flange:				3.0 mm											
Maximum radial runout (5mm from the thread surface):				≤0.02 mm		Axial play:				Preset											
F: Front axle extension:				10.3 mm		R: Rear axle extension:				10 mm											
Maximum winding temperature:				125°C		Ambient temperature range:				-40 to 100°C											
Motor data tested at 25°C. Motor operation exceeds continuous limits of operating range will reduce life cycle or result in damage.																					

2022 edition. Specifications are subject to changes without notice.