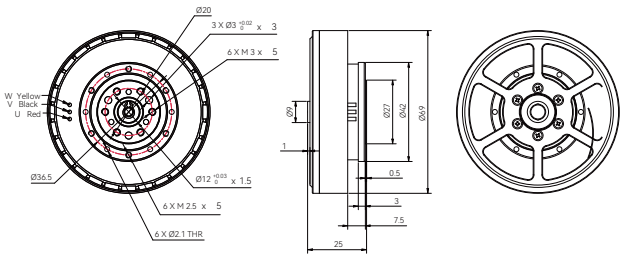
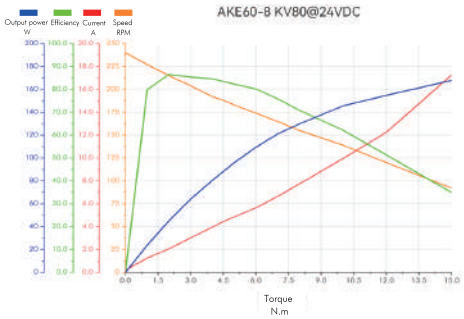
AKE60-8 KV80, Φ69*25mm

PRODUCT DRAWING



ANALYTICAL GRAPH OF MOTOR OPERATION



SPECIFICATIONS

Application	Cobot Arm	Peak torque (Nm)	12.5
Driving way	FOC	Peak current (ADC)	12
Operation ambient temperature (℃)	-20~50	Kv (rpm/V)	80
Winding type	star	Kt (Nm/A)	0.13
Insulation class	F	Ke (V/krpm)	12.5
Insulation High-voltage (V)	500	Phase to Phase resistance (mΩ)	577
Insulation Resistance (MΩ)	10	Phase to Phase inductance (μH)	704
Pole pairs	14	Inertia (gcm^2)	32
Arcmin	9	Km (Nm/√W)	0.15
Rated voltage (V)	24	Mechanical time constant (ms)	1.2
No-load speed (rpm)	240	Electrical time constant (ms)	1.7
Rated torque (Nm)	5	Weight (g)	260
Rated speed (rpm)	180	Maximum torque weight ratio (Nm/kg)	46
Rated current (ADC)	4.8	Reduction Ratio	8:1