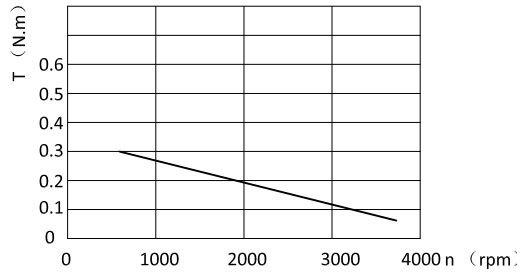


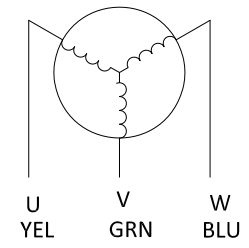
Gear Ratio	40:1
Output Torque	2.7N.m/88pm
Allowable Maximum Bearing Capacity	20N.m

Motor Specification	
Number of phase	3
Number of Poles	8
Rated Voltage	24V DC
Rated Speed	3500rpm
Rated Torque	0.08N.m
Rated Power	28W
Rated Current	1.7A
Peak Current	5.1A
Peak Torque	0.24N.m
Resistance	TBD
Inductance	TBD
Torque Constant	0.05Nm/A
Voltage Constant	4.5V/kRPM
Rotor Inertia	0.06Kg.cm
Torque Constant	1.6Kg
Insulation Class	Class B
Dielectric Strength	500VDC for one minute
Insulation Resistance	100MΩ Min., 500VDC

Torque--speed characteristic



Winding diagram



Encoder Wiring Instruction

No.	Definition	Wiring Color
1	PE	Shielding Wiring
2	+5V	RED
3	GND	BLA
4	485+	GRE
5	485-	YEL
6	Battery+	BROWN
7	Battery-	WHITE

Motor Connecting		
No.	Sigal	Color
1	U	YEL
2	V	GRE
3	W	BLU

CONFIRMED&ACCEPTED BY CUTOMER						MODEL	
COMPANY CHOP&SIGNATURE						DGS425-27017-40MB	
TOLERANCE ±0.5/±3°	REV.	DATE	REVISION RECORD	BY	NOTE	REV.	A
DESIGNED		SCALE	1:1	BRUSHLESS DC SERVO MOTOR+BRAKE+GEARBOX			FIRET ANGLE METHOD
CHECKED		UNIT	mm	I.CH MOTION CO.,LTD			
APPROVE						SHEET 页	1 / 1