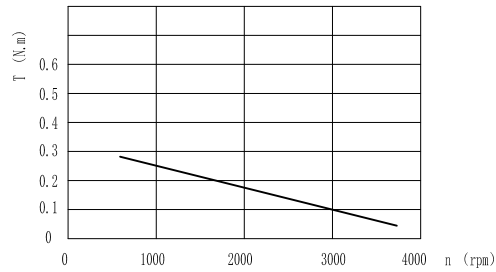


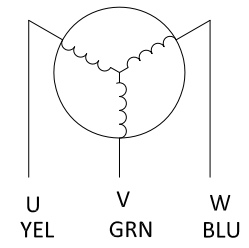
Gear Ratio	25:1
Output Torque	2.4N.m/120pm
Allowable Maximum Bearing Capacity	20N.m

Motor Specification	
Number of phase	3
Number of Poles	8
Rated Voltage	24V DC
Rated Speed	3000rpm
Rated Torque	0.12N.m
Rated Power	28W
Rated Current	1.7A
Peak Current	5.1A
Peak Torque	0.27N.m
Resistance	TBD
Inductance	TBD
Torque Constant	0.06Nm/A
Voltage Constant	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.	Singal	Color
1	U	YEL
2	V	GRE
3	W	BLU

CONFIRMED&ACCEPTED BY CUTOMER					MODEL
COMPANY CHOP&SIGNATURE					DGS425-18017-25MB
TOLERANCE ±0.5/±3°	REV.	DATE	REVISION RECORD	BY	NOTE
DESIGNED		SCALE	1:1	BRUSHLESS DC SERVO MOTOR+BRAKE+GEARBOX	
CHECKED		UNIT	mm	I.CH MOTION CO.,LTD	
APPROVE					FIRET ANGLE METHOD
					SHEET 页 1 / 1