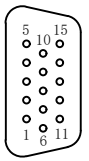
PIN	FUNCTION	COLOR
1	MOTOR U	YELLOW
2	MOTOR V	RED
3	MOTOR W	BLACK
4	MOTOR PE⏚	YELLOW/GREEN Shield

Housing:H66L6-04P
Terminal:T66L6-B

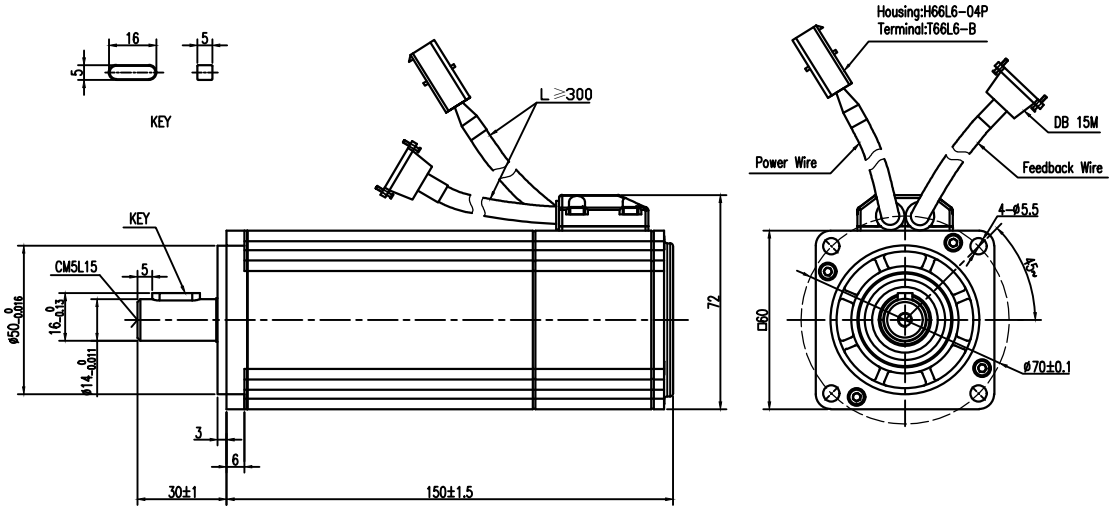
Connector Detail (Power Wire)

PIN	FUNCTION	COLOR	PIN	FUNCTION	COLOR
1	DC +5V	RED	9	W	GRAY/BLACK
2	GND	BLACK	10	V	WHITE/BLACK
3	Shield	Shield	11	/Z	YELLOW/BLACK
4	U	BROWN/BLACK	12	/B	GREEN/BLACK
5	/U	BROWN	13	/A	BLUE
6	Z	YELLOW	14	/W	GRAY
7	B	GREEN	15	/V	WHITE
8	A	BLUE/BLACK			

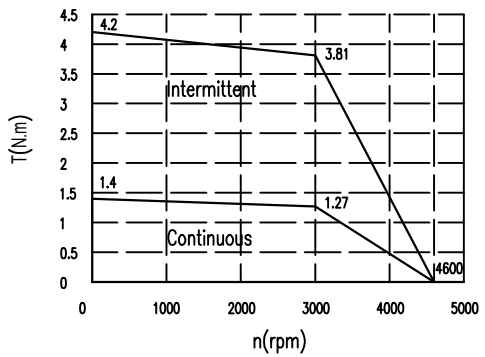


DB 15M

Connector Detail (Feedback Wire)



Performance Curve



Tecnical Data

No. of poles		6
DC Link Voltage U_{dc} (DC Link)		48
Rated Power P_N (W)		400
Rated Torque T_N (N.m)		1.27
Rated Speed n_N (rpm)		3000
Rated Current I_N (A)		11
Maximum torque T_m (N.m)		3.81
Maximum Current I_m (A)		33
Standstill torque T_S (N.m)		1.4
Standstill current I_S (A)		12.1
Resistance line-line R_L (*)		0.2
Inductance line-line L_L (mH)		0.4
Electrical time constant τ_e (ms)		2
Mechanical time constant τ_m (ms)		1.24
Voltage constant K_e (V/krpm)		7
Torque constant K_t (Nm/A)		0.116
Rotor moment of inertia Jm ($Kg.cm^2$)		0.479
Max. voltage rising du/dt(KV/*s)		8
Insulation class		F
Max. radial force Fr(N)		180
Max. axial force Fa(N)		90
Weight(Kg)		1.8
Feed back device		2500p/rev incremental encoder
		TS6014N115
Temperature sensor		n.a.
Cooling method		Totally enclosed non-ventilated
protection level		IP65,shaft sealing IP54
Evironmental conditions	Temperature	-20℃~40℃
	Humidity	Below 90%RH (No dewing)
	Environment	Far away active gas,combustible gas,oil drop,ash.
	Installation altitude	UP TO 1000m:rated power, above 1000m:1.5% power decreasing per 100m,max.4000m
Rating conditions	Mounting	Aluminum flange 255x255x6mm
	Temperature	60K housing temperature ring at 40℃ ambient

REV	Description of Change	REV	ECN NO.	DRN	APP'D	DATE

UNLESS OTHERWISE SPECIFIED TOLERANCES
DECIMALS: ANGULAR:
.x ±0.5 ±0°30'
.xx ±0.25
.xxx ±0.1
UNIT: mm
DO NOT SCALE DRAWING

MATERIAL

FIRST ANGLE PROJECTION

DESIGN	DATE	P/N.	
CONTR.		TITLE	Outside Drawing
CHECK		USED ON	PSM60-4030A6E2NL-30
APPD		DWG NO.	REV A
SCALE		POSITEC	
SHEET OF			