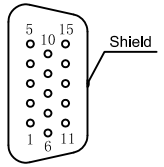
PIN	FUNCTION
1	MOTOR U YELLOW
2	MOTOR V RED
3	MOTOR W BLACK
4	MOTOR PE YELLOW/GREEN

Housing:H66L6-04P
Terminal:T66L6-A

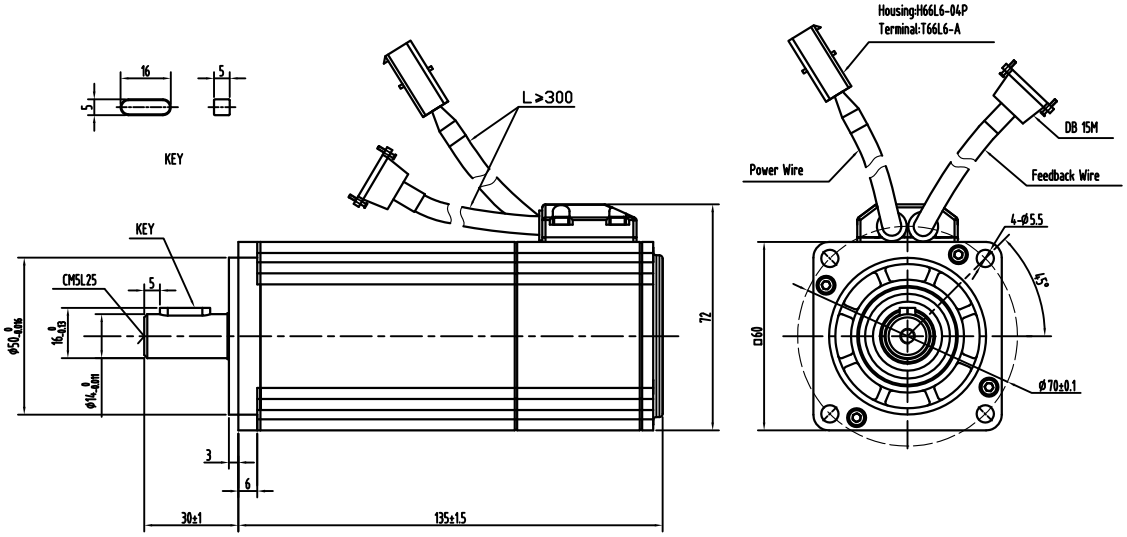
Connector Detail (Power Wire)

PIN	FUNCTION	PIN	FUNCTION
1	DC +5V	9	W
2	GND	10	V
3	NC	11	/Z
4	U	12	/B
5	/U	13	/A
6	Z	14	/W
7	B	15	/V
8	A		

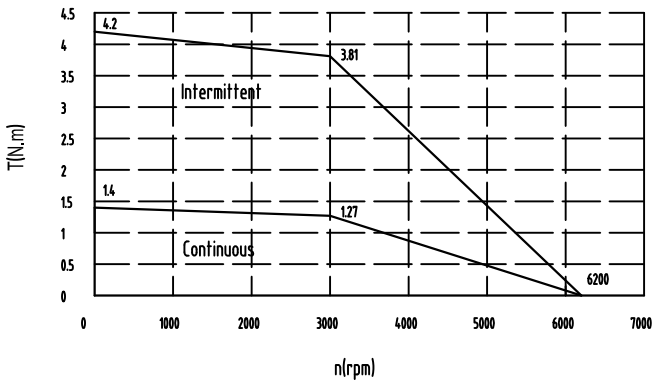


DB 15M

Connector Detail (Feedback Wire)



Performance Curve



Franck® AC SERVO MOTOR
FR60-403026ENL

W	400	V	220
A	3.1	Nm	1.27
RPM	3000	Ins F	IP65

Franck Electronics (Shanghai) Co., Ltd
MADE IN CHINA
S/N: E1NLK00YYDDDNNNN

Tecnical Data	
No. of poles	6
DC Link Voltage U_{DC} (DC Link)	300
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)	3.1
Maximum torque T_m(N.m)	3.81
Maximum Current I_m(A)	9.3
Standstill torque T_S(N.m)	1.4
Standstill current I_S(A)	3.41
Resistance line-line R_L(Ω)	5.8
Inductance line-line L_L(mH)	15
Electrical time constant τ_e(ms)	2.59
Mechanical time constant τ_m(ms)	1.93
Voltage constant K_e(V/krpm)	29
Torque constant K_T(Nm/A)	0.48
Rotor moment of inertia Jm ($Kg.cm^2$)	0.443
Max. voltage rising du/dt(KV/μs)	8
Insulation class	F
Max. radial force Fr(N)	180
Max. axial force Fa(N)	90
Weight(Kg)	1.6
Feed back device	2500p/rev incremental encoder
	ZKD-30D-250BM0.25/3P-G05L-B-0.5m
Temperature sensor	n.a.
Cooling method	Totally enclosed non-ventilated
protection level	IP65,shaft sealing IP54
Evironmental conditions — Temperature	-20℃~40℃
Evironmental conditions — Humidity	Below 90%RH (No dewing)
Evironmental conditions — Environment	Far away active gas,combustible gas,oil drop,ash.
Evironmental conditions — Installation altitude	UP TO 1000m:rated power, above 1000m:1.5% power decreasing per 100m,max.4000m
Rating conditions — Mounting	Aluminum flange 255x255x6mm
Rating conditions — Temperature	60K housing temperature ring at 40℃ ambient

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 | CONTR. | DESIGN | DATE | CHECK | APPD

FIRST ANGLE PROJECTION

SCALE | SHEET OF

P/N. K3.162.0077SS
TITLE 外形图
USED ON FR60-403026ENL
DWG NO. REV A

FRANCK