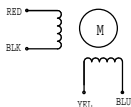
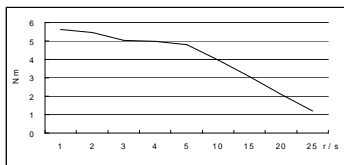


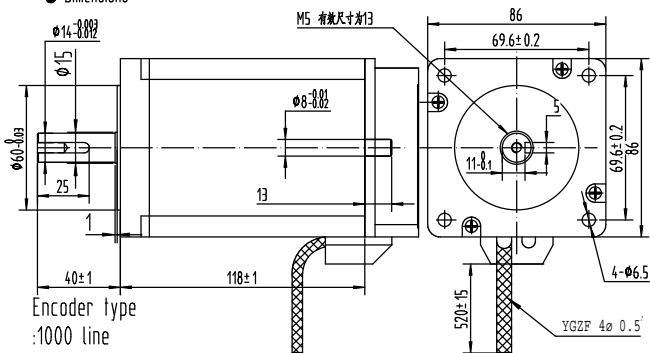
HIGH TORQUE HYBRID STEPPING MOTOR SPECIFICATIONS

General specifications		Electrical specifications	
Step Angle (°)	1.8	Rated Voltage (V)	3
Temperature Rise (°C)	80 Max (rated current, 2 phase on)	Rated Current (A)	6
Ambient Temperature (°C)	-20~+50	Resistance Per Phase ($\pm 10\%$ Ω)	0.5 (25°C)
Number of Phase	2	Inductance Per Phase ($\pm 20\%$ mH)	4
Insulation Resistance (M Ω)	100 Min (500VDC)	Holding Torque (N.m)	8
Insulation Class	Class B		
Max.radial force (N)	220 (20mm from the flange)		
Max.axial force (N)	60		

● Wiring Diagram

● SY86STH118-6004B 运行矩频曲线
驱动电流5.0A 电压80VAC

● Dimensions

Encoder type
:1000 line

Encoder connection :

V+ : RED, V- : BLK, A+ : BRN, A- : BLU, B+ : GRN, B- : YEL

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旧底图总号

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签字

日期 REVISIONS DESCRIPTION BY DATE

DRAW Kong xiangzhen 2015.12.01

档案员 日期

APPROVE

SY86STH118-6004B

TECHNICAL CONDITIONS

CHANGZHOU SONGYANG MACHINERY & ELECTRONICS
NEW TECHNIC INSTITUTE

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