



1:Power line: Tricolor lines connected to U,V, W/
yellow-green line connected to ground
Temperature control line: two-phase of 110°C thermistor
connected to temperature protector
2:Cooling water outlet: (End 2 and 7 are connected with 8/6 hose)
3:Air return: 0.4-0.7MPa (6/4 hose)
4:Tool changing and dust-removing: 0.3-0.4MPa(6/4 hose)
5:Air seal: 0.1-0.2MPa(6/4 hose)
6:Encoder: Optional string wave(1Vpp) or square wave(TTL)
7:Cooling water inlet: delivery of water pump head 12m
(Don't connect wrong!)

8:Quantity of proximity switches: Two NPN(normally
open)N.O. for tool-mounting and tool-removing
Connection of proximity switch Brown line connected
to +24VDC ,and blue line connected to 0VDC
Signal loading end connected to +24VDC/the other end
connected to black line

9:Air inlet while tool removing: 0.4-0.7MPa(6/4 hose)

10:Hanging ring: applied for mounting

Parameters of PTC three-core thermistor	
DC Power Supply	MaximumDC25V/100mA
-20~25°C	≤300Ω
≤90°C	≤750Ω
105°C	≤1650Ω
110°C	Rated function temperature
115°C	≥3990Ω
≥125°C	≥12KΩ
≤160°C	Maximum storage temperature

Model: GDL125-40-12Z/7.5
Voltage: 380V

Power: 7.5kw
Current: 16.5A
Frequency: 600Hz
Rotational speed: 12000rpm
Number of Pole: 6P
Phase: 3
Rotation Direction: Counterclockwise viewed from the
end of spindle extension
Tool Holder: BT40 (Parfaite recommended)
Pop-rivet: BT40-45° (Parfaite recommended)
Weight: 35KG

General cylinder						Jiangsu HAD Spindle Motor Co., Ltd.	
						Profile drawing	
标记	处数	分区	更改文件号	签名	年、月、日	阶段标记	重量
设计			标准化				
审核						S	1:2
工艺			批准			共 1 张 第 1 张	

备(通)用 件 壳 记	
图版总号	
底图总号	
基 准	
日 期	
绘图员 / 日 期	