



Spindle Application Check-List

Date: _____

CUSTOMER: _____

Address: _____
Name: _____
Tel: _____

Type of Product: Spindle Other

Type of Machine Application:
 Milling Grinding
 Tapping Retro-fit
 Turning Other _____

Type of Material to be Machined
 Steel Cast Iron Other
 Aluminum Stone
 Titanium Glass Wood

Position of Assembly - On the Machine:
 Vertical
 Horizontal
 All positions (2 Axis Head)

Type of Planned Work:
 Dry
 Water/Oil Cooling
 Air/Oil Cooling (Minimal)

Environmental Conditions:
 C° / F°
 Temp Max: _____
 Temp Min: _____

Machine Type:
 Saw Router Milling Machine Horizontal Lathe VMC
 Vertical Lathe Grinding Machine HMC

Duty Cycle:
Total Hours Run Time per shift: _____ Shifts per Day: _____

Robotic Application: Manufacturer: _____
Size: _____ Payload: _____

Product Characteristics:
 Power S1: _____ (KW)
 Torque S1: _____ (Nm)
 Nominal Speed: _____ (n.min⁻¹)
 Max Speed: _____ (n.min⁻¹)

Electrical Data:
Motor Type: Synchronous Asynchronous
 Current _____ (A) Frequency _____ (Hz)
Required Voltage: _____
 Thermal Motor Protection KTY 84-TCP 130°C

Tooling:
Tooling Type: HSK _____ ISO _____ BT _____ Other _____
Automatic Tool Change: Yes No

Tooling Parameters:
Feed Rate: _____ Depth of Cut: _____ Tool Dimensions: _____
Speed: _____ Type of Tool: _____ (End Mill, Drill, Saw, Cutting Mill) Extended Tooling: Length: _____

Spindle Options:
 Encoder 1Vpp Through the Shaft Coolant - - - - - Rotary Unit: Type _____
 External Cooling Spindle Health Monitoring System

Preferred Cooling Method
 Electric Fan Shaft Fan Compressed Air Liquid Cooled

Cable Connections:
 Cable Length: _____ Connector - Type: _____

Quantity Required: _____ Delivery Date: ____/____/____

Notes and Specific Customer Requests:

Signature: _____ Date ____/____/____