



Code:

Date:

General Information:

Company	_____	Phone	_____
Contact name	_____	Fax	_____
Department	_____	E-mail	_____
Street address	_____		_____
Zip, Town	_____	Country	_____

Application description:

Purpose: _____

Actual solution: _____

What the motor should do, as seen by the user? _____

Proposed test method: _____

The Primary Load Information:

Movement	<input type="checkbox"/> Rotary	<input type="checkbox"/> Linear
Load:	Inertia [kg * m2]: _____	Mass [kg]: _____
	Static friction torque [Nm]: _____	Static friction force [N]: _____
	Viscous friction torque [Nms]: _____	Viscous friction force [Ns/m]: _____
	Transmission ratio: _____	Transmission ratio: _____

Motor Information:

Motor type:	<input type="checkbox"/> DC brush Motor	<input type="checkbox"/> Brushless Motor	<input type="checkbox"/> Step motor	<input type="checkbox"/> Not specified
Operation:	Nominal voltage: _____	Nominal current: _____		
	Maximum speed: _____	Maximum peak current: _____		
	Nominal torque: _____	Maximum peak torque: _____		
Parameters	KE [V/1000rpm]: _____	KT [Nm/A]: _____		
	Pole pairs: _____	Electrical time constant [ms]: _____		

Sensors Information:

Sensor type:	<input type="checkbox"/> Incremental encoder (single ended)	<input type="checkbox"/> Incremental encoder (differential)	<input type="checkbox"/> Resolver	<input type="checkbox"/> Sin-cos encoder
	<input type="checkbox"/> Hall sensors	<input type="checkbox"/> SSI / EnDat	<input type="checkbox"/> Sensorless	<input type="checkbox"/> Other: _____
Sensor parameters: _____				

I/Os:

Inputs	<input type="checkbox"/> TTL.	<input type="checkbox"/> Opto-isolated.	<input type="checkbox"/> Open Collector	0/1 Logic: _____
	How many: _____			
Outputs	<input type="checkbox"/> TTL.	<input type="checkbox"/> Opto-isolated	<input type="checkbox"/> Open Collector	0/1 Logic: _____
	How many: _____			
Special inputs:	<input type="checkbox"/> Limit switches	<input type="checkbox"/> Drive enable	<input type="checkbox"/> Home	<input type="checkbox"/> Other: _____

Special outputs:	<input type="checkbox"/> Drive ready	<input type="checkbox"/> Error	<input type="checkbox"/> Other:
Analogue inputs:	<input type="checkbox"/> Range:		

Motion Information:				
Controlled parameters:	<input type="checkbox"/> Torque	<input type="checkbox"/> Speed	<input type="checkbox"/> Position	<input type="checkbox"/> Other:
Motion type:	<input type="checkbox"/> Trapezoidal profile	<input type="checkbox"/> Contouring	<input type="checkbox"/> External reference	<input type="checkbox"/> Pulse & Direction
	<input type="checkbox"/> S-Curve	<input type="checkbox"/> Spline	<input type="checkbox"/> Other. Please specify:	
Reference	<input type="checkbox"/> Drive internal ref.	<input type="checkbox"/> Analogue	<input type="checkbox"/> Via comm. channel	<input type="checkbox"/> Other:
Speed values	Nominal:	Minimum:	Maximum:	Accuracy:
Control Performances	Precision:	Resolution:	Overshoot:	Response time / bandwidth:

Environment:		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Temperature ranges	Motor-drive cable length	Protection: IP-
Power supply:		
Other information:		

Motion System:			
<input type="checkbox"/> Single Axis	<input type="checkbox"/> Stand-alone operation	<input type="checkbox"/> Slave, driven from a host:	
		<input type="checkbox"/> PC <input type="checkbox"/> PLC <input type="checkbox"/> Other:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/> Multiple Axis	Number of axes:	Communication Protocol: <input type="checkbox"/> Free	<input type="checkbox"/> Imposed by user:
	Operating modes:	<input type="checkbox"/> Electronic gearing	<input type="checkbox"/> Electronic CAM
	Communication bus	<input type="checkbox"/> RS-485 <input type="checkbox"/> CAN-bus	<input type="checkbox"/> Other:
	Communication speed:		
	Other details:		

The Project Potential:	
Product:	<input type="checkbox"/> IPM100 <input type="checkbox"/> IPS150 <input type="checkbox"/> IPM240/640 <input type="checkbox"/> IPS110 <input type="checkbox"/> ISCM4805/8005 <input type="checkbox"/> IDM240/640 <input type="checkbox"/> IDS240/640 <input type="checkbox"/> IBL2403 <input type="checkbox"/> IM23x <input type="checkbox"/> IS23 <input type="checkbox"/> ISM710 <input type="checkbox"/> INTELLMO1215
Project status:	<input type="checkbox"/> Technology evaluation <input type="checkbox"/> Active. Project phase: <input type="checkbox"/> Prototypes <input type="checkbox"/> Pre-series <input type="checkbox"/> Production, it is a replacement
What is the project time frame?	<input type="checkbox"/> 6 weeks <input type="checkbox"/> 3 months <input type="checkbox"/> 6 months <input type="checkbox"/> 1 year
What is the typical annual quantity?	<input type="checkbox"/> Just prototypes pieces <input type="checkbox"/> Production of pieces/ year
Considering other solutions?	<input type="checkbox"/> No <input type="checkbox"/> Yes. Could indicate any competition/ alternative:
Needs engineering support for application setup?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Other remarks:	