

Inquiry - High Frequency Motor Spindles

Company:	Contact Person:
Phone:	Fax:
E-mail:	Date:

Motor Spindle Data	
Technology	AC <input type="checkbox"/> DC <input type="checkbox"/>
Clamping diameter	mm
Speed	rpm
Torque	- S1 Ncm
	- S6 Ncm
	- max. Ncm
Power	- S1 Ncm
	- S6 Ncm
	- max. Ncm
Rotation	left <input type="checkbox"/> right <input type="checkbox"/>
Protection category	IP
Sealing air	yes <input type="checkbox"/> no <input type="checkbox"/>
Class of isolation	
Temperature protection	PTC <input type="checkbox"/>
	KTY <input type="checkbox"/>
	w/o <input type="checkbox"/>
Length of connecting cable	cm
Spindle connection	axial plug connection <input type="checkbox"/>
	direct cable connection <input type="checkbox"/>
	radial plug connection <input type="checkbox"/>
Tool change	manually <input type="checkbox"/>
	directly <input type="checkbox"/>
	taper tool <input type="checkbox"/>
max. clamping diameter	mm

Requirements of Conditioning	
Conditioning	milling <input type="checkbox"/>
	grinding <input type="checkbox"/>
	drilling <input type="checkbox"/>
	other
Tool cooling	w/o <input type="checkbox"/>
	air <input type="checkbox"/>
	water <input type="checkbox"/>
	medium?
Workpiece material	
Tool diameter	mm
Tool length	mm
Speed	rpm
Torque	Ncm
Number of teeth	pc
Machining forces	radial <input type="checkbox"/>
	axial <input type="checkbox"/>
Force application due to tool length	
Loadtime diagram	
Continuous operation (on/off period)	h
Required runout incl. chuck and tool	

Company:

Ambient Conditions	
Temperature	°C
Wet / dry	wet <input type="checkbox"/> dry <input type="checkbox"/>
Contact medium to the spindle	cooling lubricant <input type="checkbox"/>
	oil <input type="checkbox"/>
	water <input type="checkbox"/>
	solutions <input type="checkbox"/>

Installation situation	
Installation position	
In house / external	
Manufacturer	
Cooling system	w/o media <input type="checkbox"/>
	water cooling <input type="checkbox"/>
	air cooling <input type="checkbox"/>
Flow quantity	l/min

Connecting Cable	
Length of connecting cable	mm
Cable carrier	yes <input type="checkbox"/>
	no <input type="checkbox"/>
Bending radius	°
	fixed installation <input type="checkbox"/>
	permanently flexible <input type="checkbox"/>

Inverter	
In house / external (manufacturer)	
Type	
Protection category	
Safety precautions	
Interface to the inverter	analog <input type="checkbox"/>
	RS232 <input type="checkbox"/>
	serial <input type="checkbox"/>
	CAN <input type="checkbox"/>
Readout data from inverter:	
max. mounting space	cm
max. current	
max. voltage	
Please send further information and data sheets about machine processing, inverter, previous uses spindles, etc.	

INDUSTRIAL DRIVES