

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	min ⁻¹
Torque	- S1 Ncm
	- S6 Ncm
	- max. Ncm
Power	- S1 W
	- S6 W
	- max. W
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"/>
Temperature protection	mm
Length of connecting cable	axial plug connection <input type="checkbox"/>
	direct cable connection <input type="checkbox"/>
	radial plug connection <input type="checkbox"/>
Spindle connection	manually <input type="checkbox"/>
	directly <input type="checkbox"/>
	taper tool <input type="checkbox"/>
Tool change	mm
Ambient Conditions	
Temperature	°C
Wet / dry	wet <input type="checkbox"/> dry <input type="checkbox"/>
Contact medium to the spindle	cooling <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	mm
Cable carrier	yes <input type="checkbox"/> no <input type="checkbox"/>
Bending radius	°
	fixed <input type="checkbox"/> flexible <input type="checkbox"/>

Requirements of Conditioning	
Conditioning	milling <input type="checkbox"/>
	grinding <input type="checkbox"/>
	drilling <input type="checkbox"/>
	other <input type="checkbox"/>
Tool cooling	w/o <input type="checkbox"/>
	air <input type="checkbox"/>
	water <input type="checkbox"/>
	medium <input type="checkbox"/>
Workpiece material	
Tool diameter	mm
Tool length	mm
Speed	min ⁻¹
Torque	Ncm
Number of teeth	pcs
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	
Inverter	
In house / external	
Type	
Protection category	
Safety precautions	
Interface to the inverter	analogue <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.	

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INDUSTRIAL DRIVES

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