Motor/ Generator inquiry

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G E N E R A L I N F O R M A T I O N

Company	
Project name	
Description of application	
Expected quantity (per year or once)	
Expected serial price per unit	

D E T A I L S

			Comments
Application (Please mark with X)			
Motor application			
Generator application			
Motor/ Generator type (Please mark with X)			
Motor application			
Generator application			
Execution (Please mark with X)			
Stator/ Rotor component			
Complete motor/ generator (incl. housing, bearings, stator, rotor, ...)			
Motor/ Generator dimensions/ geometry			
Max. stator outside diameter		mm	
Max. stator total length (including the end windings)		mm	
Shaft diameter (inner/ outer)	/	mm	
Max. dimensions (@ complete motor/ - generator LxWxH)		mm	
Motor/ Generator specification			
Continuous speed (S1 - mode)		min^{-1}	
Continuous torque (S1 - mode)		Nm	
Continuous power (S1 - mode)		kW	
Max. speed		min^{-1}	
Max. torque		Nm	
Max. power		kW	
Boost torque (short time)		Nm	
Boost power (short time)		kW	
Over speed (for rotor stability)		min^{-1}	

Description of load cycle: (e.g. 10min; 10kW; 10min no load. Or diagram)

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Company	

Temperatures			
Max. allowed winding temperature @ rated power		°C	
Temperature sensors quantity and type (e.g. 2St. PT100, ...)			

Cooling system			
Cooling medium			
Temperature of cooling medium		°C	

Converter, battery, DC link			
DC link rated		VDC	
DC link min.		VDC	
DC link max.		VDC	
Voltage between 2 phases (motor voltage)		Vrms	
Continuous current per phase (incl. derating)		Arms	
Max. potential current per phase (incl. derating)		Arms	
PWM frequency		kHz	
Additional choke or filter			
Producer and type of the converter			

Remarks, sketches and appendices: