Stromag® Altra Industrial Motion

Questionnaire to allow the determination of spring-applied brakes

DRIVING MACHINE		
Frequency controlled motor Pole changing motor Constant speed motor Other motor types		
Nominal and maximum power Nominal and maximum speed Maximum torque (i.e. breakdown torque)		*kW* *rpm* *Nm*
DRIVEN MACHINE		
Slewing system Hoisting system Trolley or gantry system Winch system People transporting system Other application		
BRAKE TYPE GENERALLY		
Working and emergency brake Holding brake with emergency characteristic		
CALCULATION DATA		
Nominal braking speed		*rpm*
Emergency braking speed (i.e. max. possible overspeed at hoisting drives)		*rpm*
Load torque at nominal braking speed		*Nm*
Load torque at emergency braking speed		*Nm*
Maximum possible load torque		*Nm*
Number of braking operations per hour at nominal / required speed (incl. load data)		
Number of braking operations per required time unit at emergency speed (incl. maximum load data)		
Moment of inertia of the parts moved by the motor or braked by the brake (motor, gearbox, winch etc.)		kgm^2
Demanded switching cycles of the brake		
Ambient temperature		*°C*
Protection class or short description of environmental conditions Marine, port, in house		
Options Microswitch, rectier, switching unit, terminal box, heater or other		

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