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| --- | --- |
| **Date** |  |
| **Project name** |  |
| **Part number** |  |

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| **Contact name** |  |
| **Company** |  |
| **Address** |  |
| **Telephone** |  |
| **Email** |  |

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| **Application** | |
| Do you already use a brake/clutch for this application? | Yes  No |
| Reference/part number for comparison or provide a sample? |  |
| Description of task and application |  |
| Contact and frictional substances |  |

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| **Application Information** | | |
| Permanent magnet toothed brake | Sleeve bearing mounted clutch | Electromagnet |
| Toothed brake | Toothed clutch | Clutch brake extruded housing |
| Flange mounted brake | Flange mounted clutch | Clutch brake hexagonal housing |
| Spring applied brake | Low cost slip clutch | Permanent magnetic hysteresis |
| Permanent magnet brake | Ball bearing mounted clutch | Clutch brake module/combination |
| Magnetic particle clutch and brake |  |  |
| Please refer to the website for further product information | | |

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| **Application** | | | | | | |
| Type of application |  | | | | | |
| Intended use (conveyor, packaging, lifting) |  | | | | | |
| Operating voltage (V) | Min |  | Nominal |  | Max |  |
| Load inertia (Kgm²) |  | | | | | |
| Torque requirements (static, dynamic, (Nm) |  | | | | | |
| Safety factor (Nm) |  | | | | | |
| Holding force/residual (N) | Min |  | Nominal |  | Max |  |
| Duty cycle/cycle rate | Ops min |  | Hrs/day |  | Day/week |  |
| Speed (Rpm) | Min |  | Nominal |  | Max |  |
| Performance standards (please circle) | EN BS ML UL CSA | | | | | |
| If the unit is used as an emergency/static brake, how often will it be used dynamically? |  | | | | | |
| Speed of engagement (if dynamic app)? |  | | | | | |
| Time (duration) coil is engagement? |  | | | | | |
| Frequency of engagement |  | | | | | |
| Temperature the product will operate at? |  | | | | | |
| Other specific material requirements | (cleanliness, nonmagnetic, spark free, extreme ambient temps, long storage) | | | | | |
| Outside of building? Onshore/offshore |  | | | | | |

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| **Friction requirements** | |
| Friction requirements |  |
| Coefficient of friction, static |  |
| Coefficient of friction, dynamic |  |
| Wear rate |  |
| Wear rate of friction lining (cm³/kWh) |  |
| Wear rate of friction partner (cm³/kWh) |  |

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| **Environmental details** | | | | | | |
| **Climatic influences** | | | | | | |
| Ambient temperature (°C) | Min |  | Nominal |  | Max |  |
| Operating temperature (°C) | Min |  | Nominal |  | Max |  |
| Air humidity % | Min |  | Nominal |  | Max |  |
| Others |  | | | | | |
| **Local influences** | | | | | | |
| Liquids (e.g. salty water, acid, lye, etc.) |  | | | | | |
| Gases (e.g. Ozone, Ammonia, nitrogen oxide, etc.) |  | | | | | |
| Others |  | | | | | |

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| **Cables** | |
| Special requirements for lead wires or cables? |  |

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| **Supply/delivery details and commercial information** | |
| Dispatch (DHL, UPS, standard) |  |
| Potential quantities per year |  |
| Delivered in batches of? |  |
| Is safety stock required? |  |
| Target price/budget? |  |
| Is a NDA required for your project? |  |
| Are there any patent issues relating to your product? |  |

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| **Contacts** | |
| Purchasing |  |
| Project Manager |  |
| Technical Manager |  |

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| **Notes** |
| Special work instructions or assembly issues?  Are there any drawings or sketches available?  When do you require delivery by / when does the project start / lead times?  Any import/export issues, licence requirement for military applications? |

**To enquire, send your completed form to** [**sales@sgtransmission.com**](file:///C:\Users\jmw\Downloads\sales@sgtransmission.com)

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