

CARBON BRUSH APPLICATION DESCRIPTION FORM

Company
 Address

 Date

Surname/Name
 Phone Nr Fax Nr
 Email

Questions in blue are essential information for us to determine the best brush grade appropriate to your machine

Information concerning the machine:

- Machine manufacturer:
- Machine Type:
- Generator: CC CA - Motor: CC CA
 Direction of rotation: Reversible yes no
- Converter: CC-CA CA-CC

	Nominal	In service	
		Normal	Max.
5. SPEED(rpm)	<input type="text"/>	<input type="text"/>	<input type="text"/>
6. VOLTAGE(V)	<input type="text"/>	<input type="text"/>	<input type="text"/>
7. CURRENT(Amps)	<input type="text"/>	<input type="text"/>	<input type="text"/>
8. POWER(kW)	<input type="text"/>	<input type="text"/>	<input type="text"/>

- Duty:
- Duty cycle(including no load %):
- Excitation: Shunt Separate Series Compound
- Machine construction: Open Protected Closed
- CARBON BRUSH MANUFACTURER AND GRADE**
- The slip rings are located:
 Between Outside the bearings
- Are the slip rings in a closed enclosure? yes no

Machine's environment:

- Type of industry:
- Ambient temperature (°C / °F):
- Temperature in service (°C / °F):
- Relative humidity(%):
- Oil vapor:
- Corrosive gases-Type?
- Dust-Nature:
- Vibration?

Machine's environment:

- Average brush life (hours):
- DESCRIPTION OF ANY PROBLEMS (if any)**

Commutator	Slip rings
DIAMETER: No. of bars: <input type="text"/> Bar width: <input type="text"/>	DIAMETER: Width: <input type="text"/> NUMBER: <input type="checkbox"/> 2 <input type="checkbox"/> 3 MATERIAL: <input type="text"/>
Micas width: No. OF TRACKS: <input type="text"/> No. OF BRUSHES: <input type="text"/> PER TRACK: <input type="text"/> No. OF POLES: <input type="text"/>	HELICAL GROOVE: <input type="checkbox"/> With <input type="checkbox"/> Without No. OF BRUSHES: <input type="text"/> PER RING: <input type="text"/>
BRUSH DIMENSIONS: (See Fig.1) t= <input type="text"/> a= <input type="text"/> r= <input type="text"/>	BRUSH DIMENSIONS: (See Fig.2) t= <input type="text"/> a= <input type="text"/> r= <input type="text"/>
BRUSH DIMENSIONS: (See Fig.3,4 and 5) $\alpha =$ <input type="text"/> °	BRUSH DIMENSIONS: (See Fig.3,4 and 5) $\alpha =$ <input type="text"/> °
SPLIT BRUSH? <input type="checkbox"/> Fig 6 <input type="checkbox"/> Fig 7 <input type="checkbox"/> Fig 8 <input type="checkbox"/> Fig 9	SPLIT BRUSH <input type="checkbox"/> Fig 6 <input type="checkbox"/> Fig 7 <input type="checkbox"/> Fig 8 <input type="checkbox"/> Fig 9
The brushes on the same path are: <input type="checkbox"/> In line <input type="checkbox"/> Staggered	CURRENT PER RING: <input type="text"/> A <input type="checkbox"/> CC <input type="checkbox"/> CA

- Commutator's Slip ring's condition
 Good Glossy Matt
 Smooth Worn out Grooved
 Uniform Marked
 Marks: Evenly distributed Burnt
 Unevenly distributed
 Color: Light Average Dark