

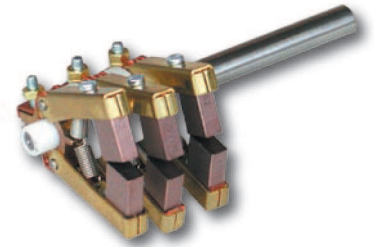
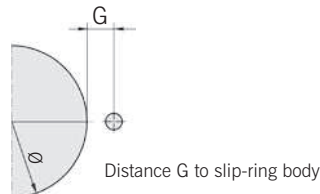
## Carbon Brush Holder

SAV 248.84

For electric power supply to Electro-Magnetic Circular Chucks

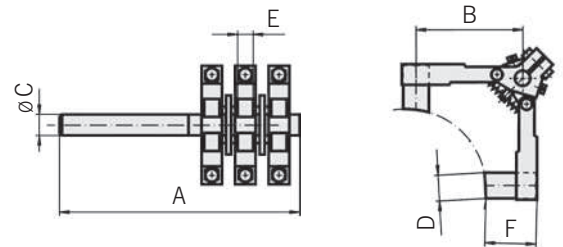
### Use:

Slip-ring bodies are used in combination with carbon brushes to supply power to circular electromagnetic chucks. The slip-ring body can be mounted separately to the hollow machine spindle. When installing it must be assured that the insulation components do not come into contact with coolant or other fluids. Suitable protection must be provided to prevent contact with live components.



### Execution:

The slip-ring body is supplied with a small through hole only. The required adapter through-bore is to be machined in accordance with the machine spindle dimensions and taking the maximum size E into account.



| For circular magnet- $\emptyset$ | Chuck voltage in V | Control unit max. current in A | Number of contacts | Dimensions in mm |    |    |      |     |    |      | Weight in kg |
|----------------------------------|--------------------|--------------------------------|--------------------|------------------|----|----|------|-----|----|------|--------------|
|                                  |                    |                                |                    | A                | B  | C  | D    | E   | F  | G    |              |
| to 800                           | 210 / 360          | 30                             | 3                  | 140              | 40 | M8 | 12,5 | 6,3 | 20 | 27,0 | 0,17         |
| to 1000                          | 360                | 60                             | 3                  | 140              | 40 | M8 | 12,5 | 6,3 | 20 | 25,0 | 0,17         |
| to 1600                          | 360                | 60 x 2                         | 4                  | 140              | 50 | M8 | 20,0 | 8,0 | 25 | 33,5 | 0,23         |

Ordering example: Carbon Brush Holder SAV 248.84 - 1600  
 Ordering key: Name SAV - No. - Max. circular chuck diameter

## Slip-Ring Body

SAV 248.85

For electric power supply to Electro-Magnetic Circular Chucks

### Use:

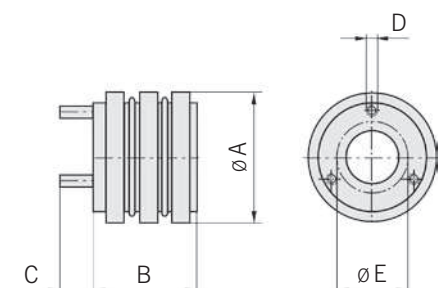
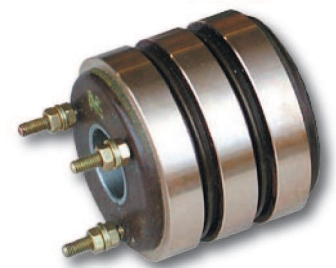
Slip-ring bodies are used in connection with carbon brushes to supply power to circular electro-permanent magnets. The slip-ring body can be mounted separately to the hollow machine spindle. While installing it must be assured that the insulation components do not come into contact with coolant or other fluids. Suitable protection must be provided to prevent contact with live components.

### Mounting method:

- shrinking at 130 °C
- pressing with 0.5 mm oversize
- gluing

### Features:

The slip-ring bodies are delivered with only one small centre-drilling. This has to be machined to suit the spindle of the machine, within range E.



| For circular magnet - $\emptyset$ | Chuck voltage in V | Control unit max. current in A | Number of contacts | Dimensions in mm |      |    |    |         | Max. r.p.m. |     |
|-----------------------------------|--------------------|--------------------------------|--------------------|------------------|------|----|----|---------|-------------|-----|
|                                   |                    |                                |                    | A                | B    | C  | D  | E       |             |     |
| to 800                            | 210 / 360          | 30                             | 3                  | 70               | 61.5 | 20 | M5 | 25 - 34 | 4100        | 1.1 |
| to 1000                           | 360                | 60                             | 3                  | 100              | 65.5 | 25 | M8 | 30 - 52 | 3000        | 2.5 |
| to 1600                           | 360                | 60 x 2                         | 4                  | 100              | 79.0 | 25 | M8 | 42 - 55 | 3000        | 3.0 |

Ordering example: Slip Ring Holder SAV 248.85 - 1600  
 Ordering key: Name SAV - No. - Max. circular chuck diameter