



WORKHOLDING AND AUTOMATION

## Slip-Ring Body

SAV 248.81

For electric power supply to circular electromagnetic 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.

### Mounting:

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

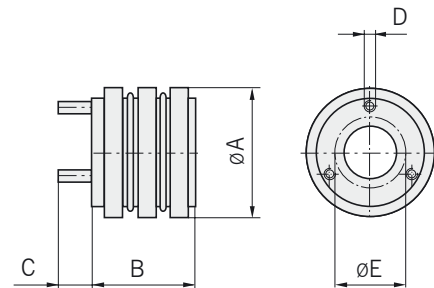
### Execution:

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 - Ø	Chuck voltage in V	Number of contacts	Dimensions in mm					Max. r.p.m.	Weight in kg
			A	B	C	D	E		
to 300	24	2	80	40.0	20	M5	28 - 38	3600	1.1
to 900	110	3	90	61.5	22	M6	30 - 45	3200	2.0
to 1600	110	3	120	84.0	25	M8	40 - 65	2500	3.5

Ordering example: Slip Ring Body SAV 248.81 - 1600

Ordering key: Name SAV - No. - Max. circular chuck diameter



## Carbon Brush Holder

SAV 248.83

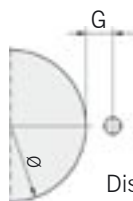
For electric power supply to circular electromagnetic chucks

### Use:

These carbon brush holders are required to supply current to the slip-ring bodies SAV 248.81 for use with circular electromagnetic chucks. Available in three sizes, and supplied with terminals.

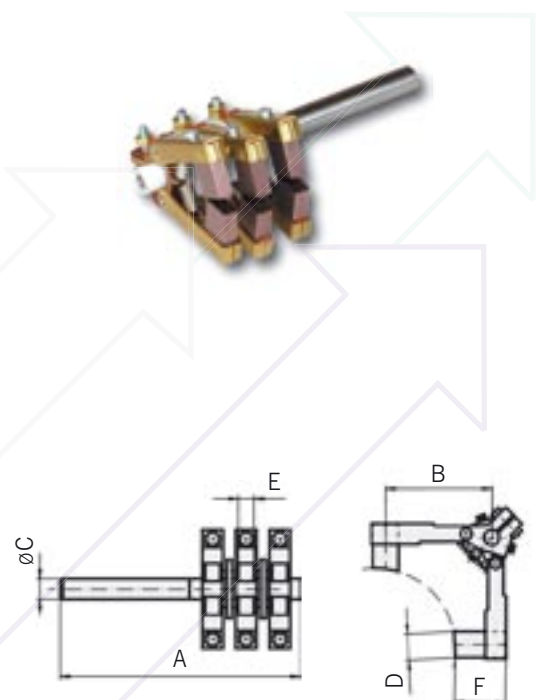
### Execution:

Spring-loaded carbon brushes.  
Mounting on taps.



Distance G to slip ring body

For circular magnet - Ø	Chuck voltage in V	Number of contacts	Dimensions in mm							Weight in kg
			A	B	C	D	E	F	G	
to 300	24	2	140	40	M8	12.5	6.3	20	27.0	0.10
to 900	110	3	140	40	M8	12.5	6.3	20	25.0	0.17
to 1600	110	3	140	60	M8	20	8.0	25	36.5	0.20



Ordering example: Carbon Brush Holder SAV 248.83 - 1600 - 110 V

Ordering key: Name SAV - No. - Max. chuck size - Operating voltage