SAV 248.84 CARBON BRUSH HOLDERS

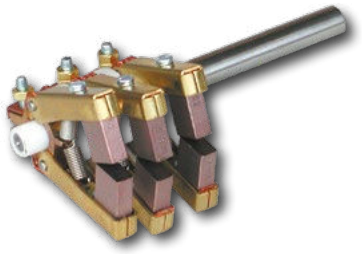
For power supply to electro permanent magnetic circular chucks

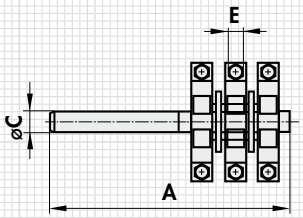
APPLICATION

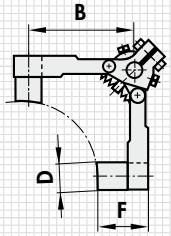
The carbon brush holders shown are used for transferring current to the slip ring assemblies. They are supplied in 3 sizes including fastening bolts.

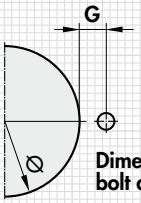
DESIGN

Bronze grades, spring-loaded.
Attached at distance G from the slip ring assembly.









Dimension G:
bolt distance to slip ring assembly

mm		V	A	Qty.	mm							kg
max. Magnet diameter		Magnet voltage	Control unit max. pul. Current	Rings	A	B	C	D	E	F	G	Weight
up to	800	210/360	30	3	140	40	M8	12.5	6.3	20	27	0.17
up to	1000	360	60	3	140	40	M8	12.5	6.3	20	25	0.17
up to	1600	360	60 x 2	4	140	50	M8	20	8	25	33.5	0.23

ORDERING EXAMPLE

Designation	SAV no. - max. round magnet diameter
Carbon brush holder	SAV 248.84 - 1600

SAV 248.85 SLIP RING BODIES

For power supply to electro permanent magnetic circular chucks

APPLICATION

Slip ring bodies are used in conjunction with carbon brush holders for power supply to rotating electro permanent magnetic circular chucks. The slip ring body is used for separate installation on the hollow machine spindle.
During mounting, it must be ensured that insulation parts are not wetted with liquids. A contact protection for the live parts on the machine must be provided. Electrical connection with cable lugs against support nut.

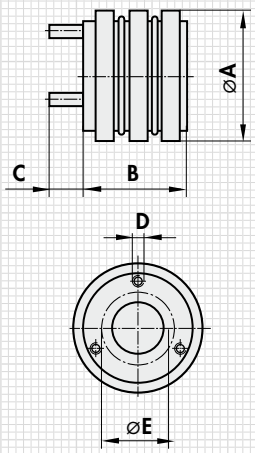
FASTENING

- Shrinking at 130 °C
- Pressing with 0.5 mm interference
- Adhesive bonding

DESIGN

Delivery with only one small hole. The locating hole (or thread) must be subsequently machined according to the machine spindle, taking into account maximum dimension E.

mm		V	A	Qty.	mm					rpm	kg
max. Magnet diameter		Magnet voltage	Control unit max. pul. Current	Rings	A	B	C	D	E	Max. speed	Weight
up to	800	210/360	30	3	70	61.5	20	M5	25 - 34	4100	1.1
up to	1000	360	60	3	100	65.5	25	M8	30 - 52	3000	2.5
up to	1600	360	60 x 2	4	100	79	25	M8	42 - 55	3000	3.0



ORDERING EXAMPLE

Designation	SAV no. - max. round magnet diameter
Slip ring body	SAV 248.85 - 1600