Slipring overview catalogue

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EXPERIENCE AND DEVLOPMENT

SAFETY - The slipring range has been planned according to the Safety Rules requested by the **European Standards EEC 89/392 Machinery Directive.**

APPLICATION - These sliprings are used to assure the electric continuity among two parts of an engine, one fixed and the other in rotatory movement relating to the first one.

ADVANTAGES - The offered range is wide and versatile thanks to constant researches as a solution to the different needs of our customers.
MEYLE sliprings as standar or customer specific versions can solve applications such as:

- digital signals transmissions (low voltages and currents) for computer, video or measure signals
- power supply for high currents (up to 2000 A)
- small dimensions even with several rings

Our constructions are modular with high possible number of rings and as versions with different current (A).
Many types can be used with rotary joints for fluid applications.

Note: Technical main features and dimensions availaible on **technical datasheets** upon request.
This catalogue shows standard executions as an overview while **special version** are available on request.
About types without housing, please note that a housing made by the user is requested which must be according to the common norms to ensure a correct protection.

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PRODUCT RANGE

ASRTP

The slipring ASRTP in a protected housing with insulating material and high mechanical resistance has no temperature variation effect.
The internal hollow shaft of 48 mm diam. free of cables, allows the passage of piping for fluids, driving shafts and metallic ropes. Brush-holders can have blade or copper graphite brushes.

MAIN PERFORMANCES

- number of rings: 4 to 36
- nominal currents: Ith 20-30-50 A (on request mixed executions 30-20 A)
- protection degree: IP 51

ASRTA

The slipring ASRTA is mostly useful for outside applications, due to a steel housing with protection degree IP 55. Brush-holders use blade brushes. Copper graphite brushes on request.

MAIN PERFORMANCES

- number of rings: 4 to 14
- nominal currents: Ith 30-50 A
- protection degree: IP 55

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ASROS

The slipring ASROS obtains high performance in small dimensions.
The distance of 5 mm among the rings allows to use a very high number of strips in small dimension.
Brush-holders use copper graphite brushes.

MAIN PERFORMANCES

- number of rings: 18 to 42
- nominal currents: Ith 20 A
- protection degree: IP 42

ASROA

The slipring ASROA is made in a water-proof housing and with 5 mm distance among the rings, which is very useful for outside applications and where small dimensions are required.

Brush-holders use copper graphite brushes.

MAIN PERFORMANCES

- number of rings: 10 to 30
- nominal currents: Ith 20 A
- protection degree: IP 55

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ASRTW

The ASRTW without housing, is availible with a large hollow diameter of 85 mm up to 2000 mm. This gives the possibility of a wide internal passage and different currents (A).
Brush-holders can have blade or copper graphite brushes.

MAIN PERFORMANCES

- number of rings: 4 to 36
- nominal currents: Ith 20-30-50-80-120-200 A
- protection degree: IP 00

ASRBW

The ASRBW without housing, has the advantage of a wide internal passage and to be axially very compact due to insulating rings which seperate the conductor rings.

Brush-holders can have blade or copper graphite brushes.

MAIN PERFORMANCES

- number of rings: 4 to 26
- nominal currents: Ith 50 A
- protection degree: IP 00

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ASRBS

The slipring ASRBS with metal housing is used if wide internal passage and very strong executions are required, even in axial strong executions and axial small dimensions.

Brush-holders have copper graphite brushes.

MAIN PERFORMANCES

- number of rings: 16 to 26
- nominal currents: Ith 50 A
- protection degree: IP 40

ASRRW

The sliprings ASRRW without housing with different IP protections are used for their reliable execution and for the slideway between rings and brushes with a peculiar V contact.

Brush-holders use copper graphite brushes.

MAIN PERFORMANCES

- number of rings: 4 to 28
- nominal currents: Ith 20-60 A
- protection degree: ASRRW00 = IP 00
  ASRRW42 = IP 42
  ASRRW55 = IP 55

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