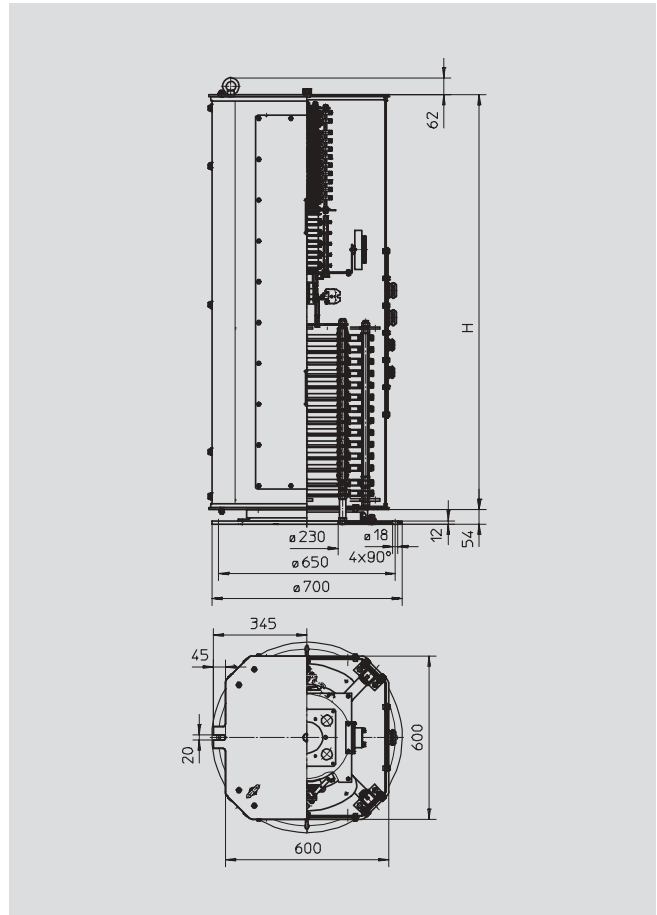


Slip ring bodies

Enclosed slip ring body GS323 (Combination)



Electrical data

Main current part

- Voltage: max. 1000 V \sim =
 - according to DIN VDE 0110
 - overvoltage category IV
 - insulating material group II
 - degree of contamination 3
- Current:
 - 400 A at 60% ED
 - 800 A and 1200 A at parallel connection of rings
- Insulation: HGW2375.4 DIN 7735
- Slip rings: \varnothing 320 mm, cast brass undivided
- Current collector: depending on the amperage one or two current collectors with 2 bronze coal brushes per ring
- General: further combinations for different amperage and voltage are possible
- Protection class: IP 54

Electrical data

Control current part

- Voltage: max. 500V \sim =
 - according to DIN VDE 0110
 - overvoltage category IV
 - insulating material group II
 - degree of contamination 3
- Current: 0 mA to 25 A at 100% duty cycle (ES18)
- Insulation: PA 6
- Slip rings: \varnothing 102 mm, brass
- Current collector: support with two contact springs, each with three bronze coal rivets

Control and data transmission

- Ring with multi-layer coating (ML) and current collector bronze 25 mA at 24 V and >
- Ring with multi-layer coating (ML) and current collector
 - silver (Ag) 0 - 20 mA at min. 0 - 10 V
 - digital max. 500 kBaud

Wiring

- Control current part completely wired on clamping bar or clamping board
- Main current part with strand wiring on request

More technical details

- Rotational speed for
 - standard type (MS-rings and bronze coal): 100 U/min
 - data (ML-rings): 30 U/min
- Bearing:
 - ball steering rim that can be relubricated
- Insulation:
 - slip ring body and insulator PA6, glass fibre reinforced
- Ambient temperature:
 - -35°C to max. +50°C
 - at > 50°C the max. current load has to be reduced accordingly
 - for higher temperature please inquire
- Corrosion protection:
 - steel parts galvanized
 - sheathing stainless steel
- Installation position: standing

Volume of delivery

- Standard without strand wiring for main current part
- Depending on the ring construction Pg glands are provided as a standard or on special request of the customer

Accessories

- Anti-condensation heater
- Rotary transmission for gaseous and liquid media

Order example:

GS323-14/1510/1836/08ML

Enclosed slip ring body
Type 323, 13-pole + PE
Combined with
type 15, 10-pole,
type 18, 36-pole and
type 18, 8-pole with
multi-layer coating