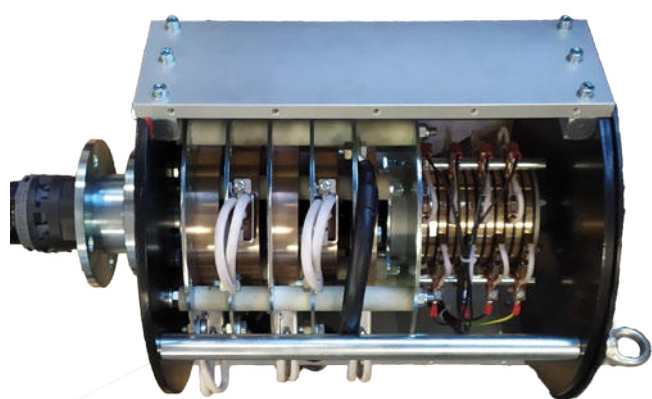


PEGASUS

Slip ring collector



Slip ring collectors designed to transfer AC / DC current from a stationary supply point to a rotating structure, transmitting power and control signals, both analogue and digital. Thanks to their high degree of customization they are used in a variety of industrial sectors, on cranes, rides, packaging plants.

FEATURES

- Suitable for data and control applications.
- They support the major high speed data transmission and industrial bus system protocols.
- High quality materials and components guarantee reliability and durability.
- IP protection degree: Pegasus collectors are classified up to max. IP 65.

OPTIONS

- High degree of customization thanks to fully modular construction system.
- Composition suitable for high, medium and low voltage available.
- On request, they can be equipped with limit switches, hydraulic couplings and electric hybrids.

CERTIFICATIONS

- CE marking.

Fill in the "request form" for accurate product configuration.

PEGASUS 400A

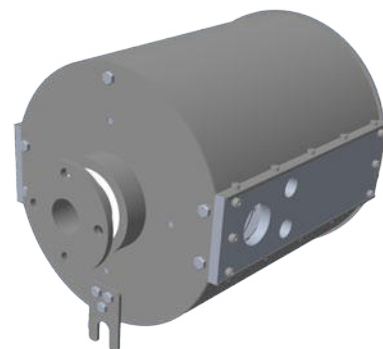
Slip ring collector consisting of golden or silver power rings coupled with signal rings.

Suitable for the major high speed data transmission protocols:

Ethernet CAT5, ProfiBus, ProfiNet, LAN, CAN Bus, CANOpen.

Suitable for optical fiber.

Sturdy and reliable, thanks to high quality materials and components which guarantee durability and low maintenance.



CERTIFICATIONS

Conformity to Community Directives	2014/35/UE Low Voltage Directive
	2006/42/CE Machinery Directive
Conformity to CE Standards	EN 60204-1 Safety of machinery - Electrical equipment of machines
	EN 60309-1 Plugs, socket-outlets and couplers for industrial purposes - General requirements
	EN 60529 Degrees of protection provided by enclosures
Markings and homologations	CE

GENERAL TECHNICAL SPECIFICATIONS

Ambient temperature	Storage +10°C/+50°C
	Operational -25°C/+70°C
IP protection degree	IP 54
Insulation category	Class I
Operating positions	Any position
Cable entry	Depending on the request

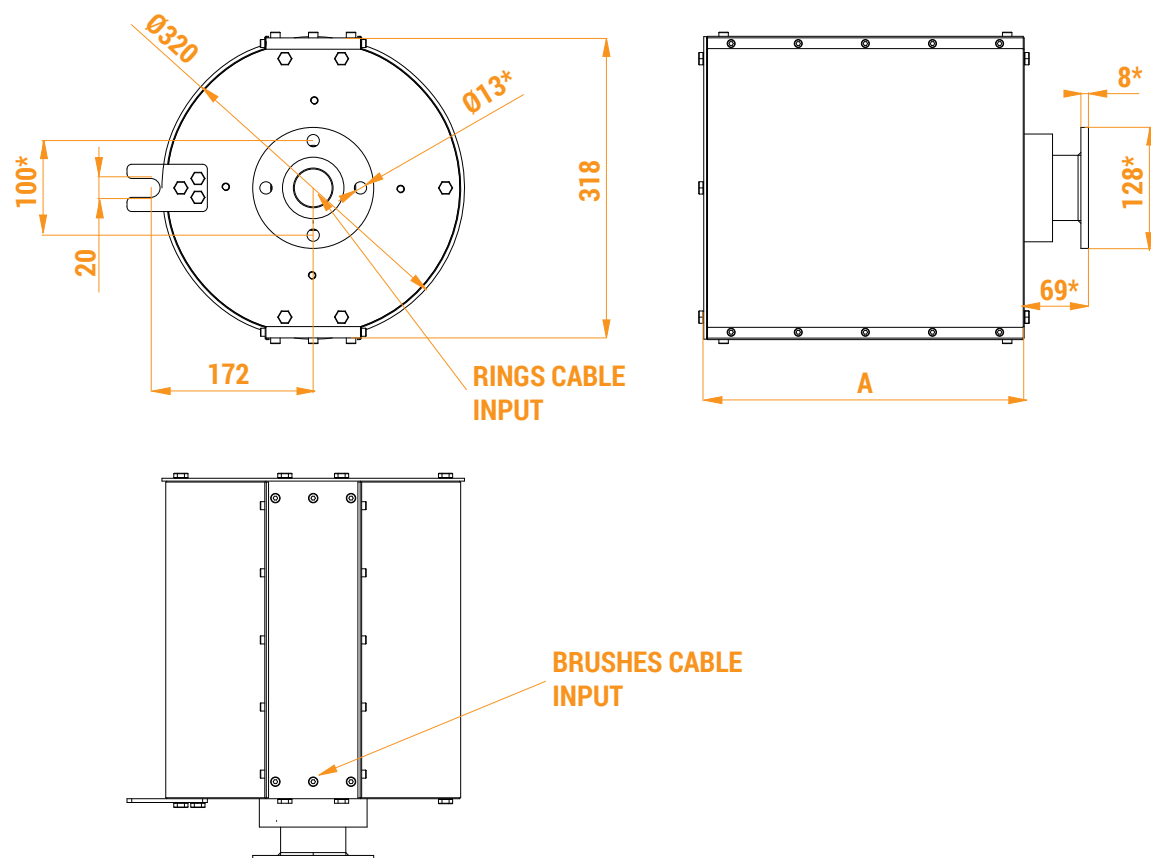
ELECTRICAL SPECIFICATIONS

Rated operational current	Up to 400 A
Rated operational voltage	Up to 680 Vac
Maximum speed	30 rev./min.
Suitable for transferring DC current	Yes

TRANSMISSION PROTOCOL SPECIFICATIONS

Data transmission protocol	Ethernet CAT 5
	ProfiBus
	ProfiNet
	LAN
	CAN-Bus
	CANOpen
Maximum speed	100 Mbit/s

OVERALL DIMENSIONS (mm)



A = Dimension variable depending on the type and number of the collector's rings.

* The flange can be modified on customer request.

The overall dimensions may be modified without notice.

PEGASUS 650A

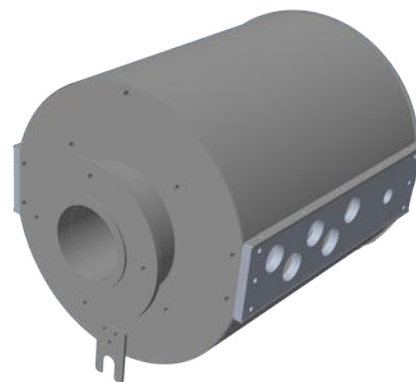
Slip ring collector consisting of golden or silver power rings coupled with signal rings.

Suitable for the major high speed data transmission protocols:

Ethernet CAT5, ProfiBus, ProfiNet, LAN, CAN Bus, CANOpen.

Suitable for optical fiber.

Sturdy and reliable, thanks to high quality materials and components which guarantee durability and low maintenance.



CERTIFICATIONS

Conformity to Community Directives	2014/35/UE Low Voltage Directive
	2006/42/CE Machinery Directive
Conformity to CE Standards	EN 60204-1 Safety of machinery - Electrical equipment of machines
	EN 60309-1 Plugs, socket-outlets and couplers for industrial purposes - General requirements
	EN 60529 Degrees of protection provided by enclosures
Markings and homologations	CE

GENERAL TECHNICAL SPECIFICATIONS

Ambient temperature	Storage +10°C/+50°C
	Operational -25°C/+70°C
IP protection degree	IP 54
Insulation category	Class I
Operating positions	Any position
Cable entry	Depending on the request

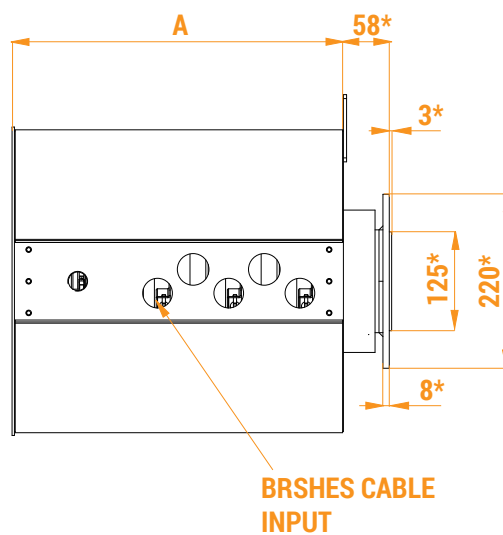
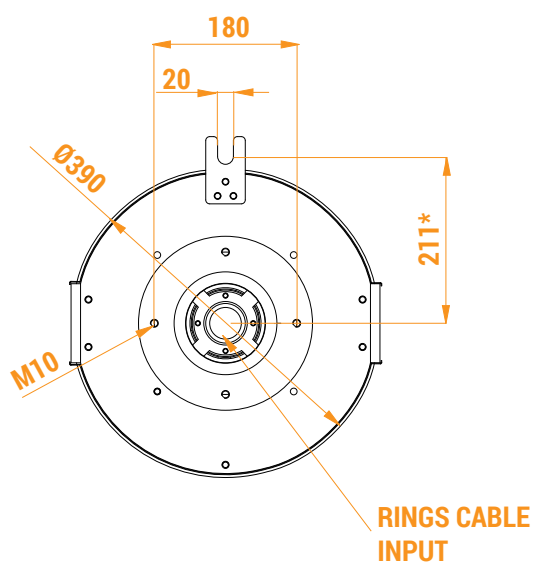
ELECTRICAL SPECIFICATIONS

Rated operational current	Up to 650 A
Rated operational voltage	Up to 680 Vac
Maximum speed	30 rev./min.
Suitable for transferring DC current	Yes

TRANSMISSION PROTOCOL SPECIFICATIONS

Data transmission protocol	Ethernet CAT 5
	Profibus
	ProfiNet
	LAN
	CAN-Bus
	CANOpen
Maximum speed	100 Mbit/s

OVERALL DIMENSIONS (mm)



A = Dimension variable depending on the type and number of the collector's rings.

* The flange can be modified on customer request.

The overall dimensions may be modified without notice.

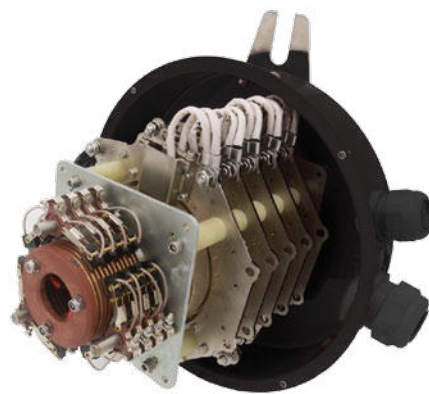
PEGASUS 500A

Slip ring collector consisting of golden or silver power rings coupled with signal rings.

Suitable for the major high speed data transmission protocols:

Ethernet CAT5, ProfiBus, ProfiNet, LAN, CAN Bus, CANOpen.

Sturdy and reliable, featuring protective enclosure made of stainless steel AISI 304 or 316L, aluminum, galvanized or epoxy powder varnished steel resistant to marine and aggressive environments.



CERTIFICATIONS

Conformity to Community Directives	2014/35/UE Low Voltage Directive
	2006/42/CE Machinery Directive
Conformity to CE Standards	EN 60204-1 Safety of machinery - Electrical equipment of machines
	EN 60309-1 Plugs, socket-outlets and couplers for industrial purposes - General requirements
	EN 60529 Degrees of protection provided by enclosures
Markings and homologations	CE

GENERAL TECHNICAL SPECIFICATIONS

Ambient temperature	Storage -20°C/+60°C
	Operational -20°C/+60°C
IP protection degree	IP 65
Insulation category	Class I
Operating positions	Any position

ELECTRICAL SPECIFICATIONS

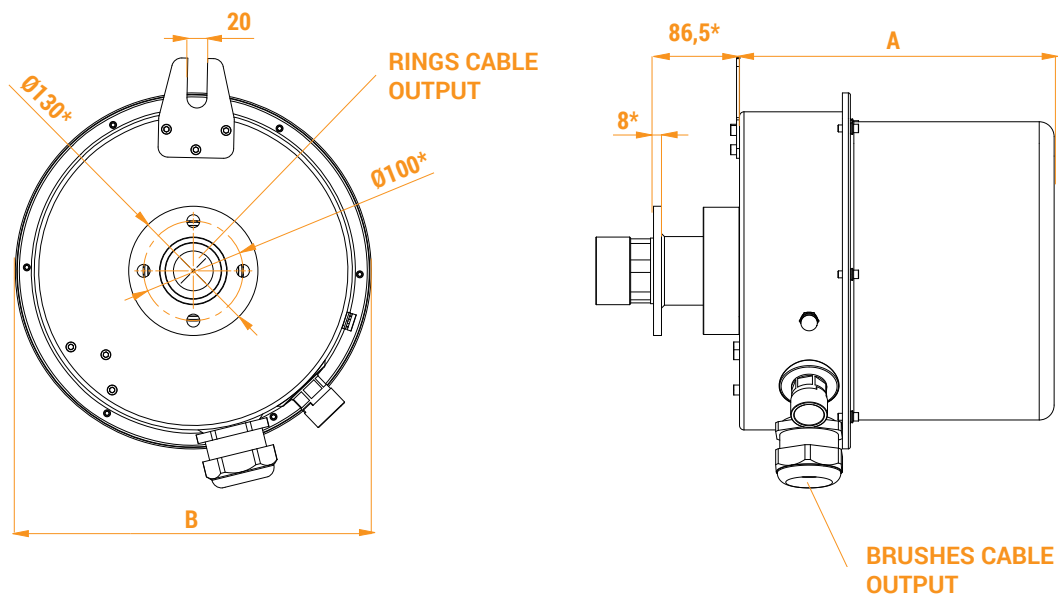
Rated operational current	Up to 500 A
Rated operational voltage	Up to 680 Vac
Maximum speed	30 rev./min.
Suitable for transferring DC current	Yes

TRANSMISSION PROTOCOL SPECIFICATIONS

Data transmission protocol	Ethernet CAT 5
	ProfiBus
	ProfiNet
	LAN
	CAN-Bus
	CANOpen
Maximum speed	100 Mbit/s

OVERALL DIMENSIONS (mm)

300A

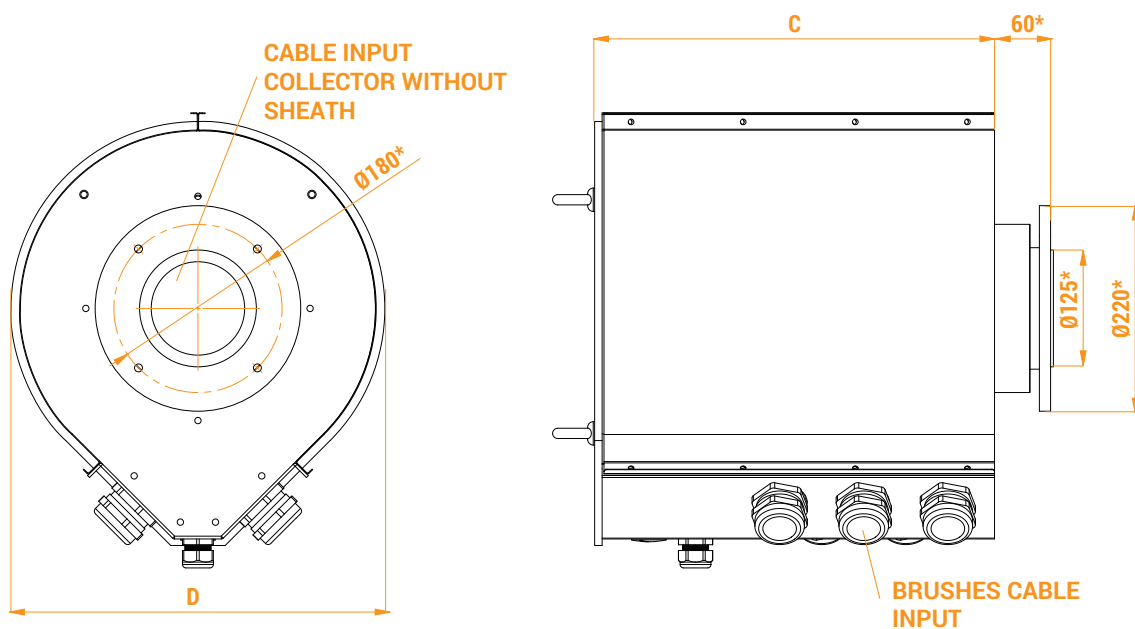


A, B = Dimension variable depending on the type and number of the collector's rings.

* The flange can be modified on customer request.

The overall dimensions may be modified without notice.

500A



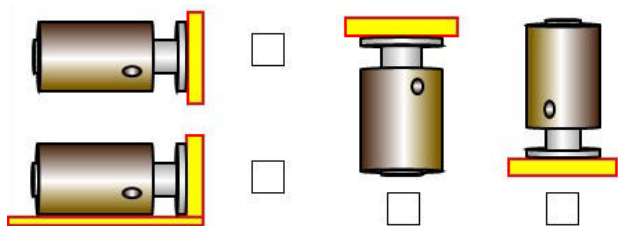
C, D = Dimension variable depending on the type and number of the collector's rings.

* The flange can be modified on customer request.

The overall dimensions may be modified without notice.

PEGASUS - REQUEST FORM FOR SLIP RING COLLECTOR

Installation



Rings

Ground	Ampère	Volt	mm ²	Mat.**
N. of rings				
N. of rings				
N. of rings				

Power	Ampère	Volt	mm ²	Mat.**
N. of rings				
N. of rings				
N. of rings				
N. of rings				
N. of rings				

Signals	Ampère	Volt	mm ²	Bus*	Mat.**
N. of rings					
N. of rings					
N. of rings					
N. of rings					

Total rings _____ (Ground+Power)

Fluids

1	ø in	ø out	P	Fluid
2	ø in	ø out	P	Fluid
3	ø in	ø out	P	Fluid
4	ø in	ø out	P	Fluid

Options, requirements

Specifications

Rotation Continuous ☐ Intermittent ☐ Static use ☐

Rotating part Rings ☐ Brushes ☐

Max rotation speed _____ (rpm)

Duty cycle _____

IP degree _____

Working temperature °C from \ to _____

Storage temperature °C from \ to _____

Inner diameter Blind ☐ through Ø mm

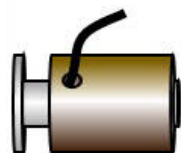
Anticondensation resistance ☐

Wiring

Terminal board only, no cables Yes ☐ No ☐

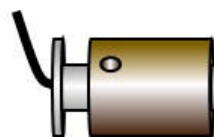
Supplied with cables Yes ☐ No ☐

Only if YES, fill out the following section



☐ **Brushes side**

or



☐ **Rings side**

Brushes side

Rings side

_____ (m) **Cables lenght** _____ (m)

_____ (m) **Sheath** _____ (m)

UL cables Yes ☐ No ☐

Connections

Rings directly ☐ Terminal board ☐ Connectors ☐

Additional data

Quantity _____

Quantity per year _____

Remarks

* Bus

50) Ethernet 51) Profibus 52) Profinet
53) CANBus 54) CANOpen

** Ring material | Brush material

01) BZ 02) Au 03) Ag 04) BZ-Ag
20) Metal Grafite 21) Ag-Grafite