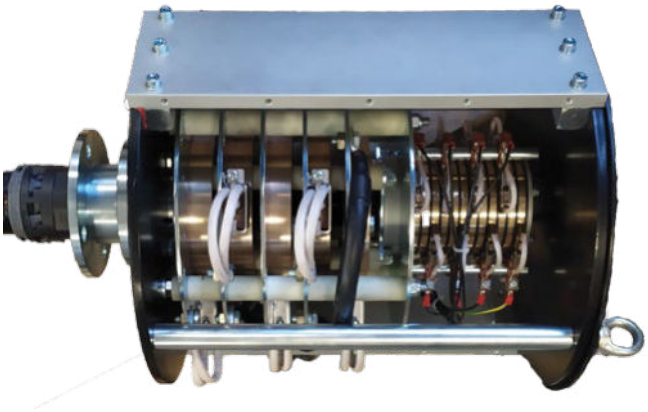
PEGASUS
Slip ring collector



Slip ring collectors designed to transfer AC/DC current from a fixed supply point to a rotating structure, transmitting power and control signals, both analogue and digital, to mobile units.
Thanks to the 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 are classified up to max. IP 65.

OPTIONS

- High degree of customization thanks to a fully modular construction system.
- Different assemblies available for low voltage.
- On request, they can be equipped with hydraulic couplings.

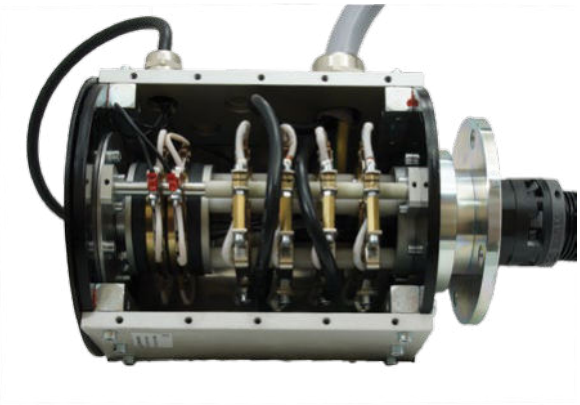
CERTIFICATIONS

- CE marking.

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

PEGASUS 200A

Slip ring collector consisting of power rings and golden or silver 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

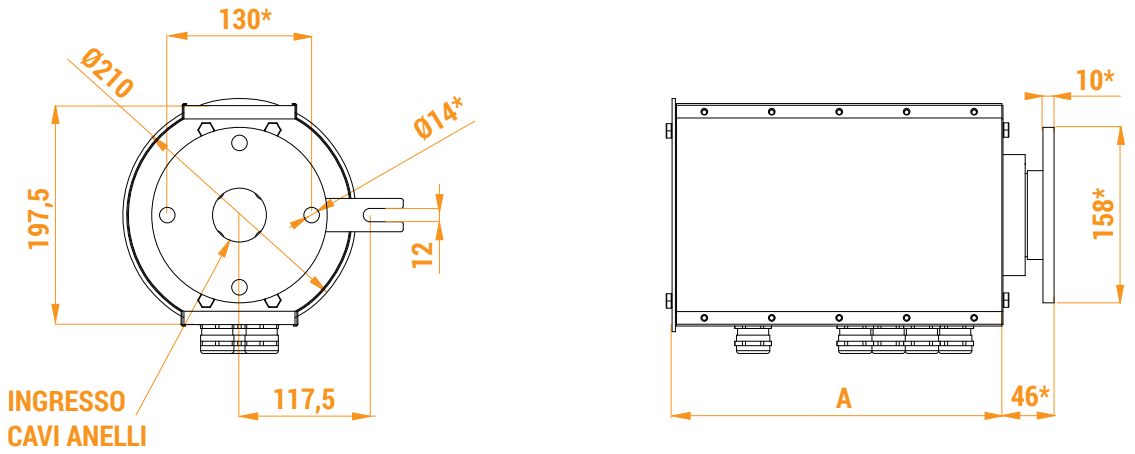
ELECTRICAL SPECIFICATIONS

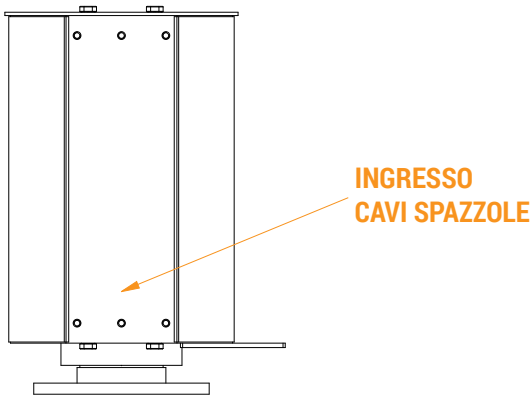
Rated operational current	Up to 200 A
Rated operational voltage	Up to 680 Vac
Maximum speed	30 rpm
Suitable for transferring DC current	Yes

TRANSMISSION PROTOCOL SPECIFICATIONS

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

OVERALL DIMENSIONS (mm)

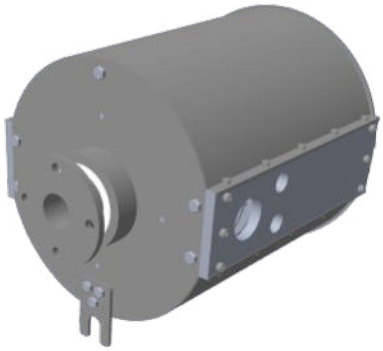




A = Dimension vary depending on the type and number of rings.
* The flange can be modified on customer's request.
Overall dimensions may vary compared to the drawing.

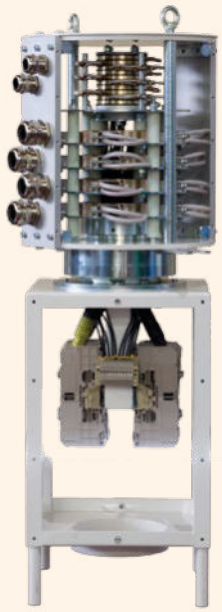
PEGASUS 400A

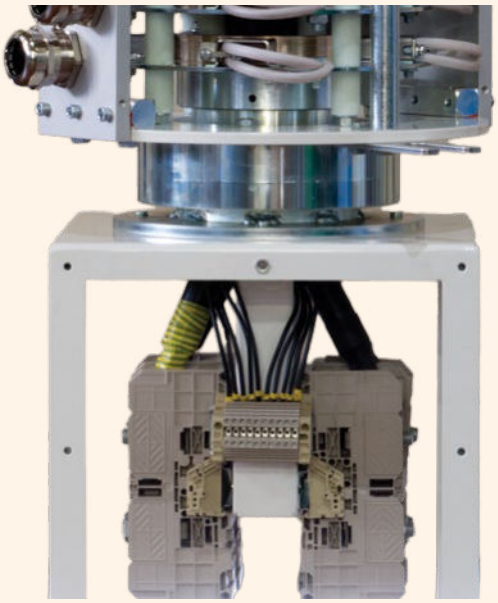
Slip ring collector consisting of power rings and golden or silver signal rings.
Suitable for the major high speed data transmission protocols: Ethernet CAT5, ProfiBus, ProfiNet, LAN, CAN Bus, CANOpen.
Suitable for optical fiber.
Sturdy and reliable thanks to high quality materials and components which guarantee durability and low maintenance.



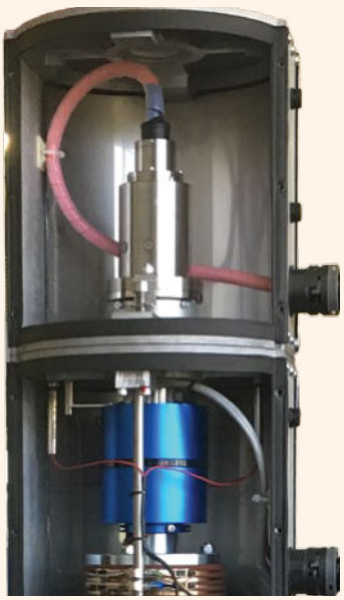
POSSIBLE ASSEMBLY

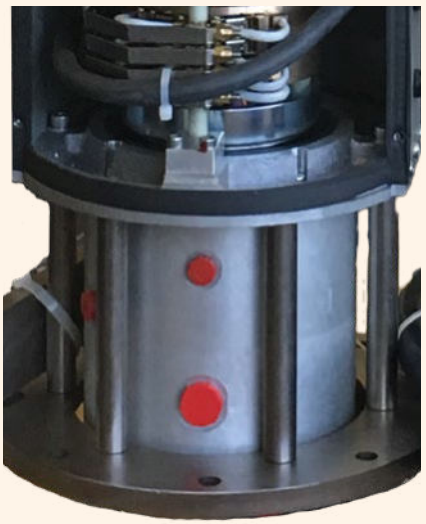
400A slip ring collector with terminal board





400A electro-fluidic slip ring collector





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

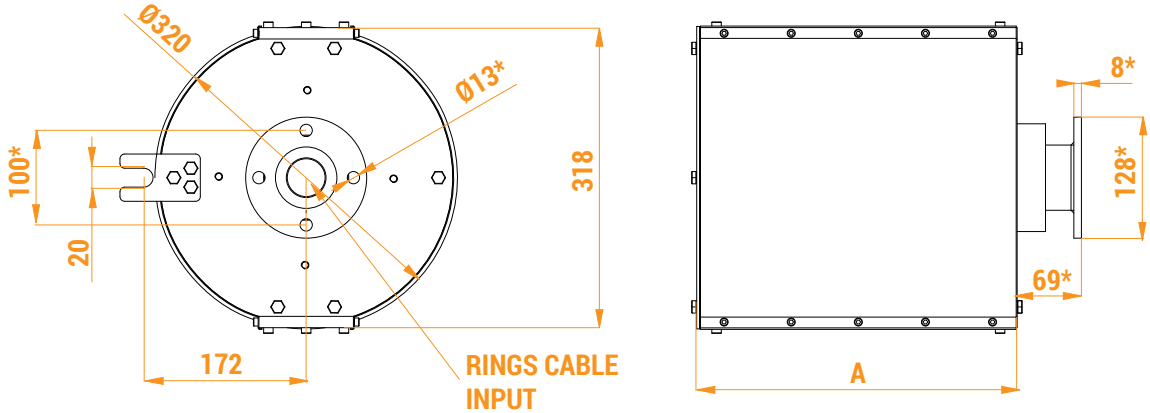
ELECTRICAL SPECIFICATIONS

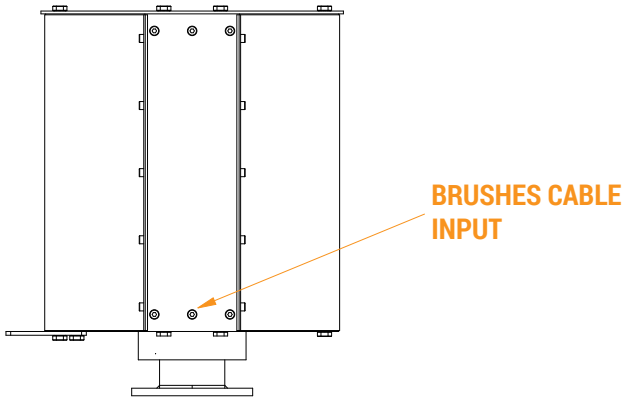
Rated operational current	Up to 400 A
Rated operational voltage	Up to 680 Vac
Maximum speed	30 rpm
Suitable for transferring DC current	Yes

TRANSMISSION PROTOCOL SPECIFICATIONS

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

OVERALL DIMENSIONS (mm)

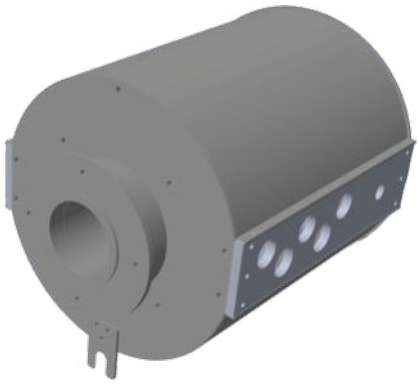




A = Dimension vary depending on the type and number of rings.
* The flange can be modified on customer's request.
Overall dimensions may vary compared to the drawing.

PEGASUS 650A

Slip ring collector consisting of power rings and golden or silver 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

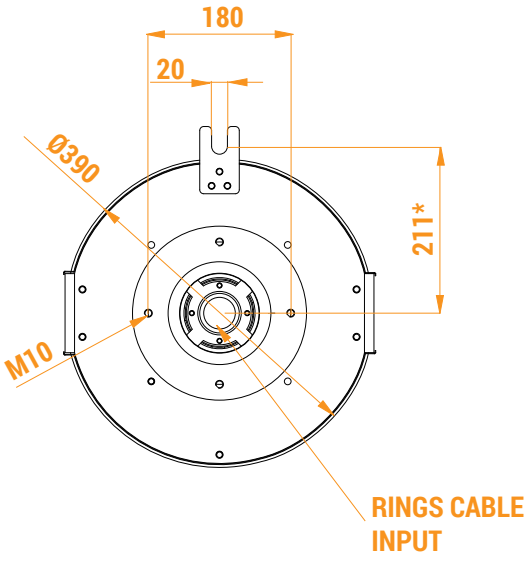
ELECTRICAL SPECIFICATIONS

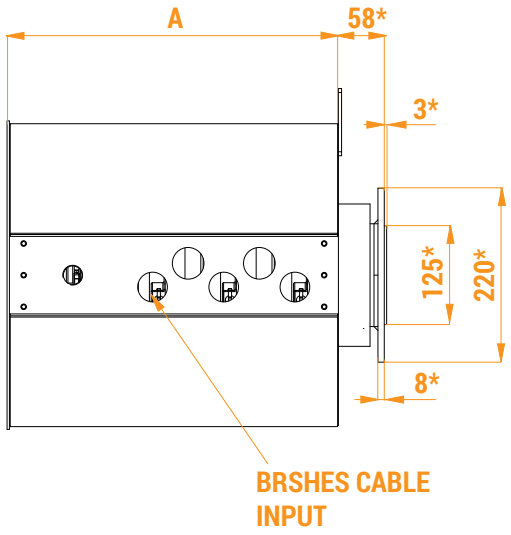
Rated operational current	Up to 650 A
Rated operational voltage	Up to 680 Vac
Maximum speed	30 rpm
Suitable for transferring DC current	Yes

TRANSMISSION PROTOCOL SPECIFICATIONS

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

OVERALL DIMENSIONS (mm)

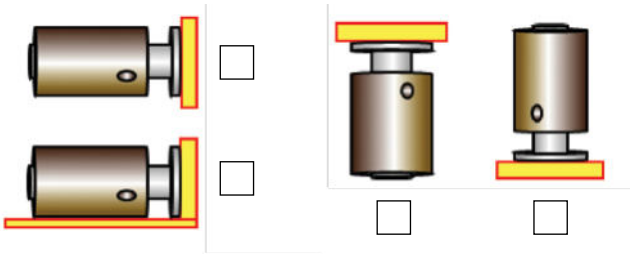




A = Dimension vary depending on the type and number of rings.
* The flange can be modified on customer's request.
Overall dimensions may vary compared to the drawing.

PEGASUS - REQUEST FORM FOR SLIP RING COLLECTOR

Installation



Rings

Ground	Ampère	Volt	mm²	Mat.**
N. of rings				|
N. of rings				|
N. of rings				|

Power	Ampère	Volt	mm²	Mat.**
N. of rings				|
N. of rings				|
N. of rings				|
N. of rings				|
N. of rings				|
N. of rings				|

Signals	Ampère	Volt	mm²	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, requests

Specifications

Rotation Continous ☐ Intermittent ☐ Static use ☐

Rotating part Rings ☐ Brushes ☐

Max. rotation speed _____ (rpm)

Duty cycle _____

IP degree _____

Operational 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 ☐

If YES, fill in 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 | Brush material
01) BZ 02) Au 03) Ag 04) BZ-Ag
20) Metal Graphite 21) Ag-Graphite