Slip rings

Scudo - Prisma - Navale Series

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20 - 50A Slip rings from 3 up to 16 rings with open frame or protection rating up to IP65.

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Characteristics

Slip rings are used to tranfer electrical signal and power energy between stator and a rotor or viceversa. They are comprised of 3 or more in graphite or metal contacts, mounted on the steel shaft the brushes are all replace and are in graphite on Prisma and Navale Series in copper on Scudo Series

OPERATING TIME
The operating life of a slip ring is dependant upon the rotation speed and the dynamic stability.

CURRENT RATING
Capacity can be increasing by connecting in series or parallel two or more slip rings.

BRUSHES IN GRAPHITE
They are mainly used on low-medium speed applications. they are the most common in particular when more circuits are required as they ensure a very good connection they withstand low and high temperatures, aggressive environments with presence of chemicals and unidity.

SPEED OPERATION
Max rotation speed 20 turns 1'.

CHARACTERISTICS

SCUDO	PRISMA	NAVALE
Rated insulation voltage Ui 690V	Rated insulation voltage Ui 690V	Rated insulation voltage Ui 690V
Rated operating voltage Ue 500Vac	Rated operating voltage Ue 500Vac	Rated operating voltage Ue 500Vac
Rated operating current 20A. Intermittent working 30A.	Rated operating current 50A	Rated operating current 50A
Close frame version with protection rated IEC/EN60529 IP51	Open frame	Close frame version with protection rated IEC/EN60529 IP65
Modularity: from 3 up to 15 80 mm Ø rings	Modularity: from 3 up to 16 100 mm ø rings	Modularity: from 3 up to 16 100 mm ø rings
Cu brushes	Brushes in graphite	Brushes in graphite
42 mm Ø shaft	51 mm Ø shaft	51 mm Ø shaft with roller bearings and O-ring
Pvc 147 mm Ø housing and terminals cover		280 mm Ø power coated alluminium housing with protection against aggressive environments
Ambient temperature: + 60° C - 30° C.		

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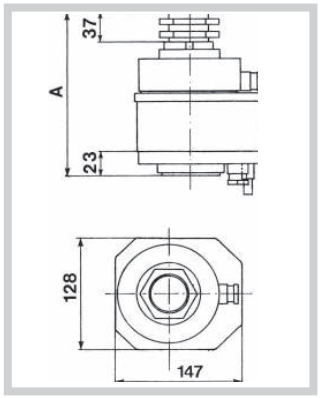
Versions

TECHNO-LIFTING EQUIPMENT

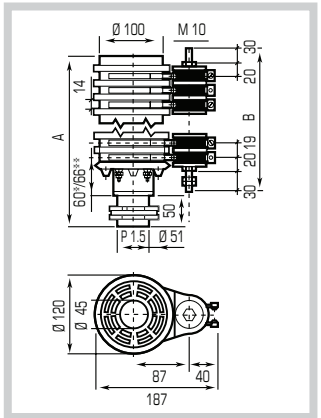
SCUDO 20A IP51 SERIE

N° RINGS	CODE	DIMENSIONS A
3	30402091	180
4	30402092	195
5	30402093	210
6	30402094	225
7	30402095	240
8	30402096	255
9	30402097	270
10	30402098	285
11	30402099	300
12	30402100	315
13	30402101	330
14	30402102	345
15	30402103	360



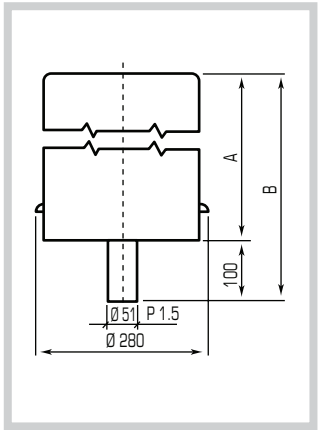
PRISMA 50A IP00 SERIE

N° RINGS	CODE	DIM. A	DIM. B
3	30402037	170	143
4	30402038	190	162
5	30402039	210	181
6	30402040	230	200
7	30402041	250	219
8	30402042	270	238
9	30402043	290	257
10	30402044	310	276
11	30402045	330	295
12	30402046	350	314
13	30402047	370	333
14	30402048	390	352
15	30402049	410	371
16	30402050	430	390



NAVALE 50A IP65 SERIE

N° RINGS	CODE	DIM. A	DIM. B
3	30403001	265	375
4	30403002		
5	30403003		
6	30403004		
7	30403005		
8	30403006		
9	30403007		
10	30403008		
11	30403009	470	570
12	30403010		
13	30403011		
14	30403012		
15	30403013		
16	30403014		



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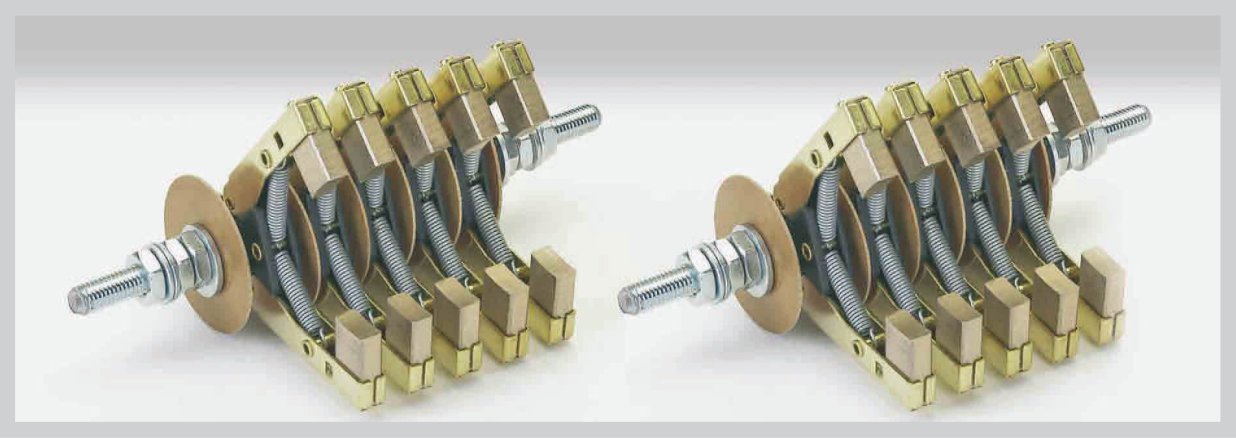
Accessories and spare sparts

SPARE SPARTS PRISMA - NAVAL SERIES



BRUSHES GROUP IN GRAPHITE

Ø 100 Yellow isolator	11702001	6 - Rings collectors	12202017
Brush isolator	11702004	7 - Rings collectors	12202018
Collectors terminal	11702005	8 - Rings collectors	12202019
16 - Holes cable entry head	11708056	9 - Rings collectors	12202020
Single brushes	12202033	10 - Rings collectors	12202021
Charcoal-crayon for brushes	12202034	11 - Rings collectors	12202022
Alluminium hexagon	21005005	12 - Rings collectors	12202023
Alluminium fixing flange	21005007	13 - Rings collectors	12202024
Ø 100 brass ring	21005010	14 - Rings collectors	12202025
3 - Rings collectors	12202015	15 - Rings collectors	12202027
4 - Rings collectors	12202016	16 - Rings collectors	12202028
5 - Rings collectors	12202026		