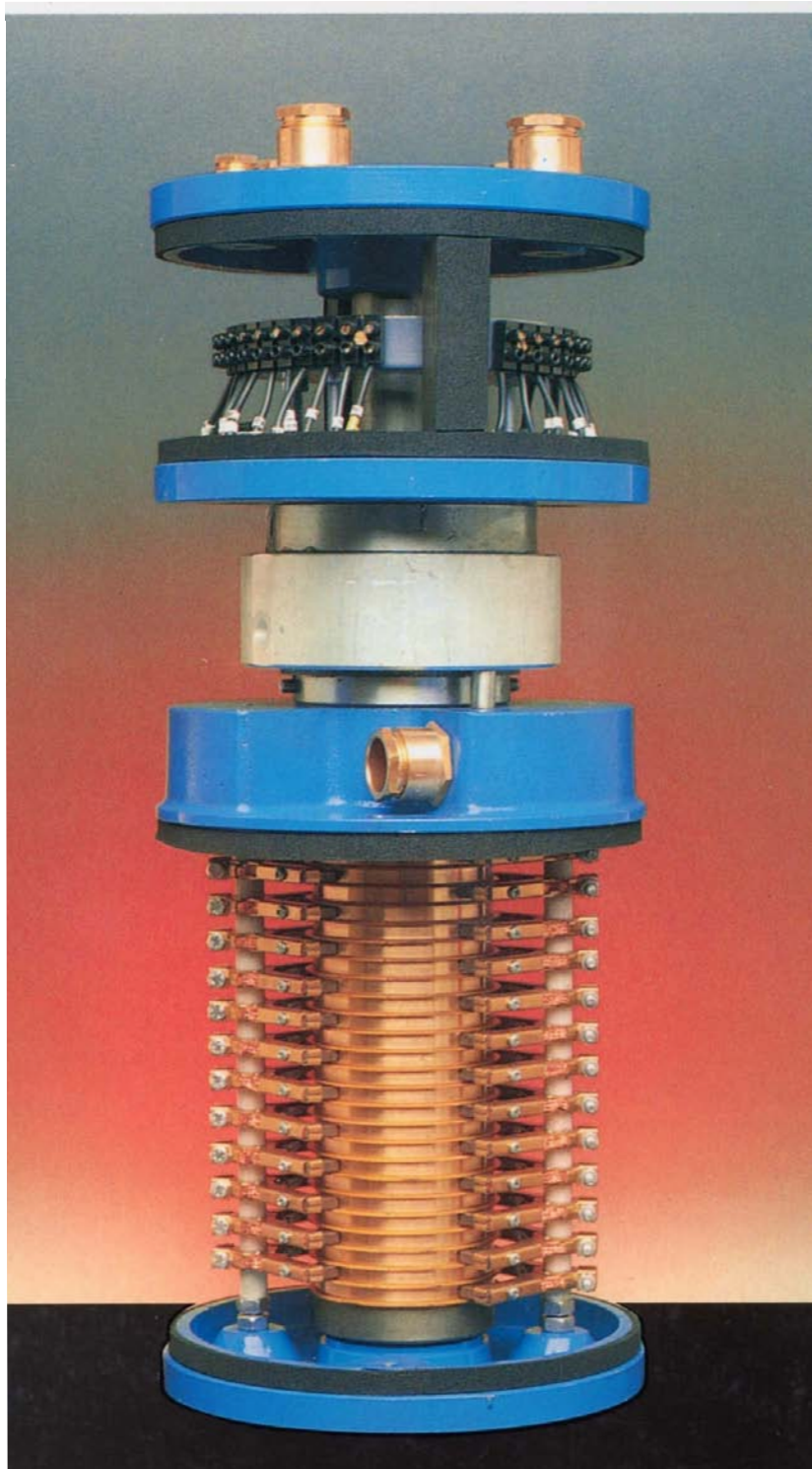




Electric Rotary Couplings

Electric Rotary Couplings

MANIFOLD complete with:

- up to 1200A current carrying capacity power rings
- ancillary 20A power rings
- rings for remote controls or computer signals.

RATED CABLE VOLTAGE: 1000 V. (approx)

TEST VOLTAGE: 3000 V. (approx)

RINGS: copper alloy (brass for ancillary and bronze for power rings)

BRUSH HOLDER: forged brass, with double arm to assure continuous contact and better rings cleaning.

BRUSHES: metalcarbon for power and ancillary rings. Silvercarbon for rings remote controls or computer signals.

ELECTRICAL SUPPLY:

a) Connection of power rings: the cables pass through the hollow shaft and must be wired directly to the rings.

b) Connection of ancillary rings: 1) by means of unipolar cable tail already manufacture-connected to the rings. 2) through terminals board already manufacture-wired to the rings.

c) Connection of brush holder: two ring fastenings are fitted at the main base. The cables must be wired directly to the brush holders.

INSULATION: air and glass resins

PROTECTION: IP 55.

HOUSING: very sturdy metallic box fitted with two inspection doors and cast aluminium or steel head, according to dimensions.

Bolts and nuts: treated steel.

The inner housing has been manufactured according to Al-SI 304 rules or tropicalized.

The outer part has been painted with one coat of primer and two of environment resistant paint. Color is manufacture standard (except in case of specific request from Customers). The structure is also fitted with eyelets for lifting and handling.

OPTIONALS: Anticondensate resistance

Terminals board for brush holder

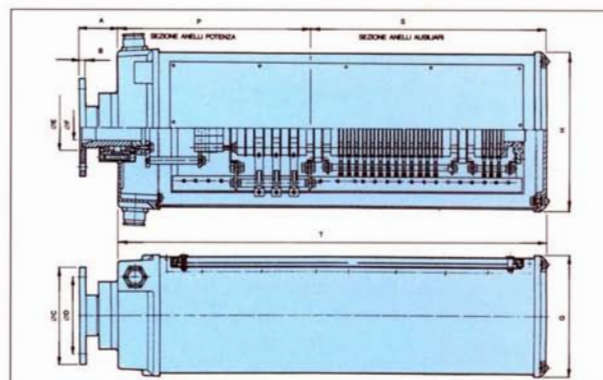
Unipolar cable tails already connected

Four inspection doors

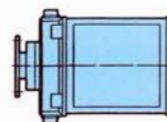
Can be assembled together with joints for fluid bore.

DIMENSIONS

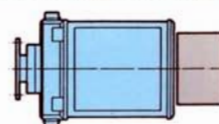
TYPE	A	B	Ø C	Ø D	Ø E	Ø F	G	H
SOLAR 1	80	12	200	160	95	57,5	250	330
SOLAR 2	100	12	200	160	130	90	330	480
SOLAR 3	60	12	250	200	150	120	400	600
SOLAR 4	80	12	300	250	210	180	500	700



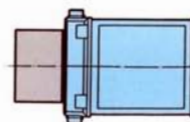
Standard model



Socket with upper fluidic joint



Socket with lower fluidic joint



POSSIBLE COMPOSITIONS

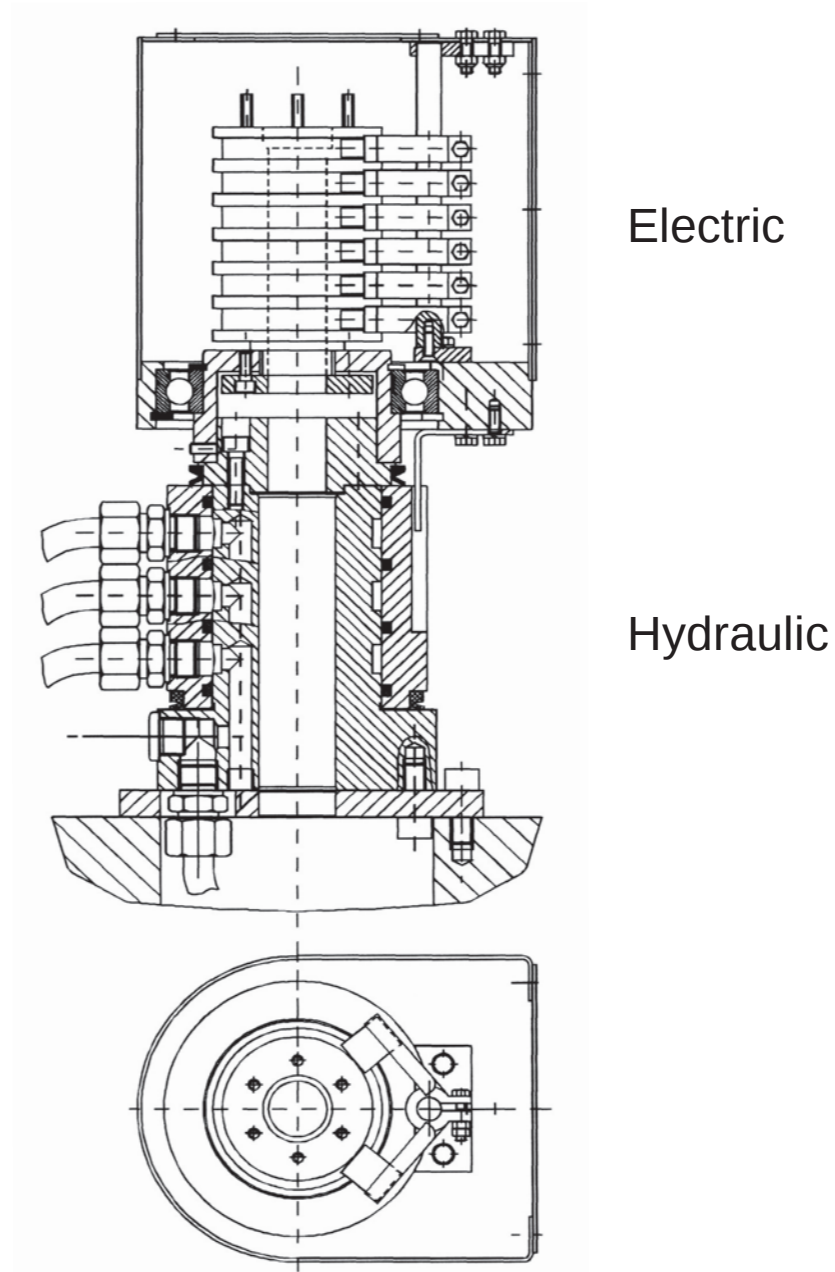
Amp.	RINGS			BRUSH HOLDERS			DIMENSIONS	
	Nr	Ø mm.	CABLE Nr mmq.	Nr	TYPE	CABLE Nr mmq.	SECTOR S (mm)	SECTOR P (mm)
10	1	110	1 1.5	1	AG	1 1.5	7xNr RINGS+80	
20	1	110	1 2.5	1	510	1 2.5	7xNr RINGS+80	
50	1	110	1 10	1	816	1 10	24xNr RINGS+80	
100	1	110	1 16	1	1025	1 16		24xNr RINGS+250
150	1	110	1 50	1	1232	1 50		24xNr RINGS+250
200	1	200	1 70	2	1025	1 70		58xNr RINGS+250
300	1	200	1 120	2	1232	1 120		58xNr RINGS+250
400	1	200	2 70	4	1025	2 70		58xNr RINGS+250

POSSIBLE COMPOSITIONS

Amp.	RINGS			BRUSH HOLDERS			DIMENSIONS	
	Nr	Ø mm.	CABLE Nr mmq.	Nr	TYPE	CABLE Nr mmq.	SECTOR S (mm)	SECTOR P (mm)
10	1	110	1 1.5	1	AG	1 1.5	7xNr RINGS+100	
20	1	110	1 2.5	1	510	1 2.5	7xNr RINGS+100	
50	1	110	1 10	1	816	1 10	24xNr RINGS+100	
100	1	110	1 16	1	1025	1 16	24xNr RINGS+100	
150	1	110	1 50	1	1232	1 50	24xNr RINGS+100	
200	1	200	1 70	2	1025	1 70		58xNr RINGS+350
300	1	200	1 120	2	1232	1 120		58xNr RINGS+350
400	1	200	2 70	4	1025	2 70		58xNr RINGS+350
600	1	270	2 120	4	1232	2 120		60xNr RINGS+450
800	1	270	2 150	2	2540	2 150		60xNr RINGS+450
1200	2	270	4 120	8	1232	4 120		60xNr RINGS+450

T = Nr OF SECTOR S + Nr OF SECTOR P

Example of Electro-Hydraulic Rotary Coupling Combination



Electro-Hydraulic Coupling Order code

Add to the standard hydraulic code: **+ x** (x = n° of electric connections)

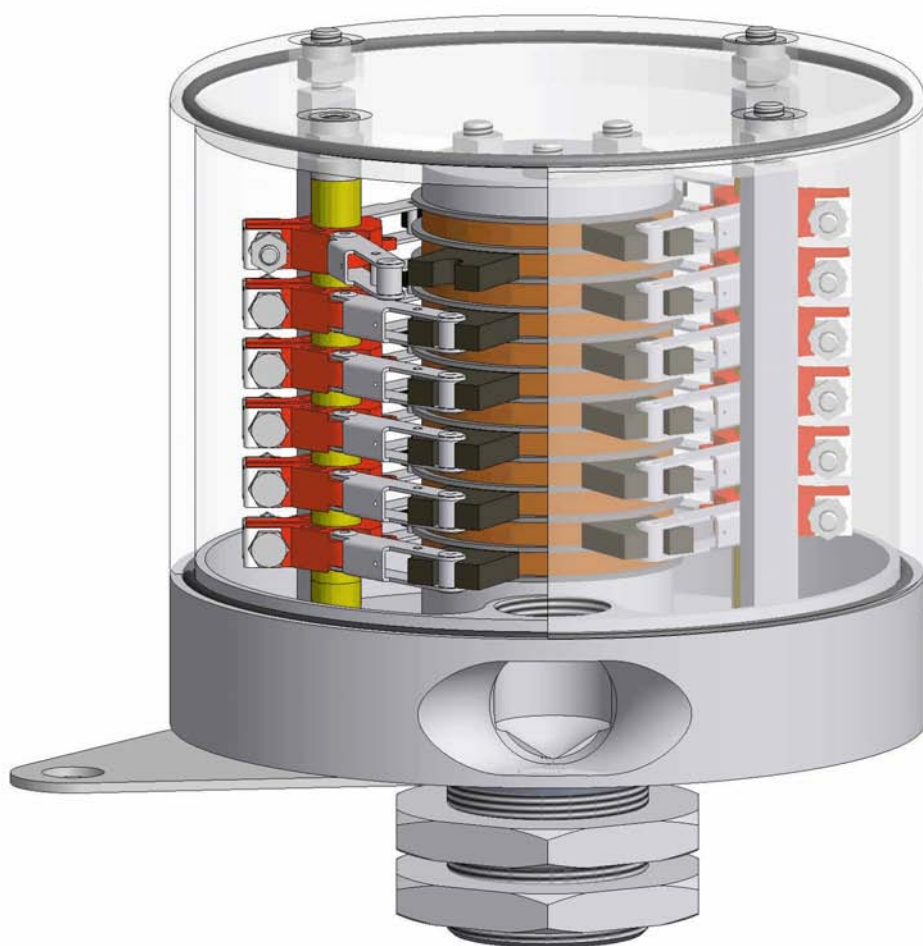
Example: Hydraulic Coupling diam. 125,7 Hydr.conn. + 6 El. conn. 3 mt cable length

Order Code = DI 125 - 7 + 6 - 3 mt

DISTRIBUTORE ROTANTE ELETTRICO

ELECTRIC ROTARY COUPLING

SR 150 SERIES



DISTRIBUTORE ROTANTE ELETTRICO SERIE SR 150

ELECTRIC ROTARY COUPLING SR 150 SERIES

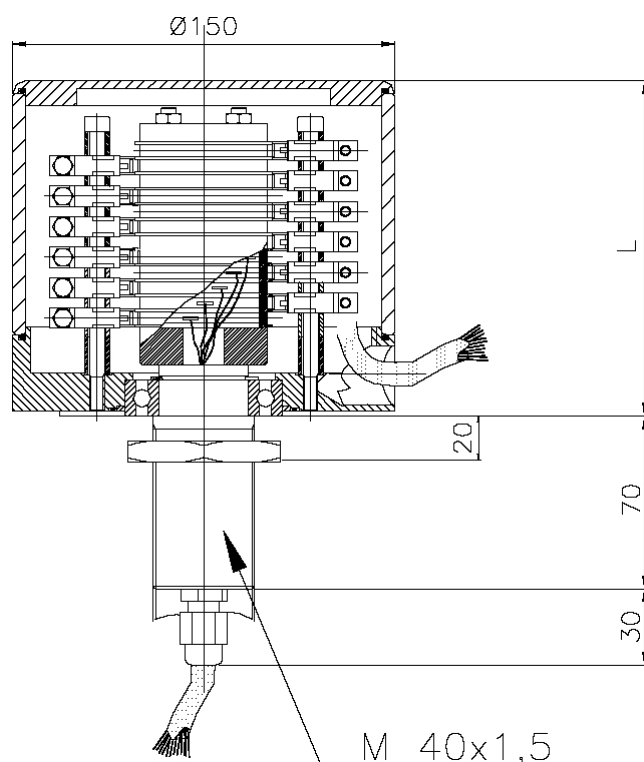
I distributori rotanti della serie SR 150 riassumono la trentennale esperienza HANSA-TMP nel settore della trasmissione di corrente elettrica per applicazioni di potenza, segnali, sistemi bus e video in diverse applicazioni rotanti.

Sono fornibili in combinazine con una grande gamma di giunti rotanti per olio, aria, acqua e gas.

The SR 150 series slip ring assembly are the result of HANSA 30-years-old experience in the field of current transmission for power applications, signals, bus and video systems in several rotating applications.

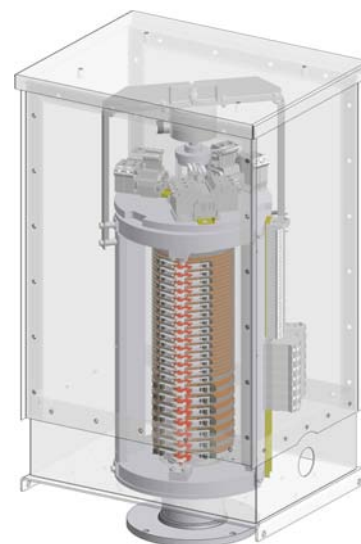
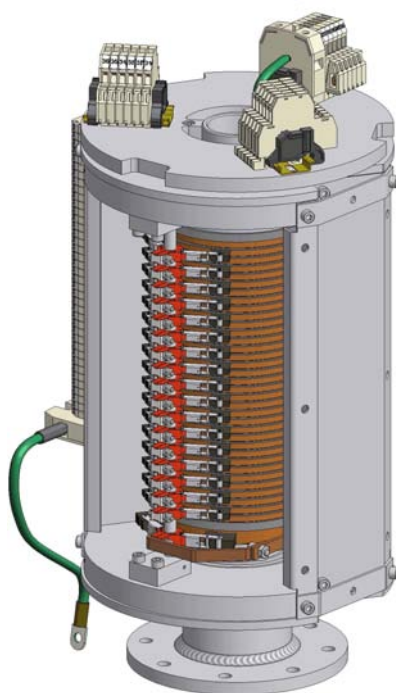
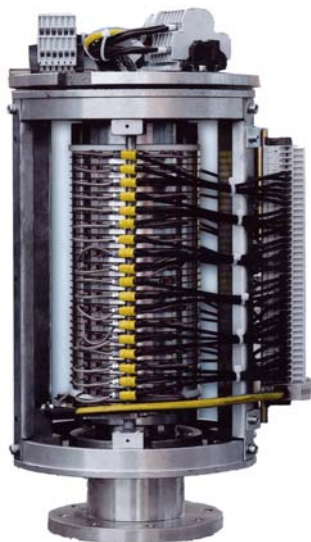
The series is available in combination with a wide range of swivel joints for oil, air, water and gas.

Portata <i>Capability</i>	Amp. 30
Tensione Max Di Esercizio <i>Max Working Tension</i>	V 400
Protezione <i>Protection</i>	IP 66
Temperatura <i>Temperature</i>	-30°C/+60°C
Velocità Di Rotazione Max <i>Max Rotation</i>	60 giri/min
Sezioni Cavi Max <i>Max Cables Section</i>	2,5 mm²



MODELLO MODEL	N°CONTATTI N°CONDUCTORS	L mm
SR150.02	2	71
SR150.03	3	77
SR150.04	4	83
SR150.05	5	90
SR150.06	6	97
SR150.07	7	104
SR150.08	8	110
SR150.10	10	124
SR150.12	12	136
SR150.16	16	162
SR150.18	18	169
SR150.20	20	188
SR150.24	24	215

PRESE ROTANTI ELETTRICHE SLIP RING ASSEMBLY



As HANSA-TMP has a very extensive range of products and some products have a variety of applications, the information supplied may often only apply to specific situations.

If the catalogue does not supply all the information required, please contact HANSA-TMP.

In order to provide a comprehensive reply to queries we may require specific data regarding the proposed application.

Whilst every reasonable endeavour has been made to ensure accuracy, this publication cannot be considered to represent part of any contract, whether expressed or implied.

HANSA-TMP reserves the right to amend specifications at their discretion.



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