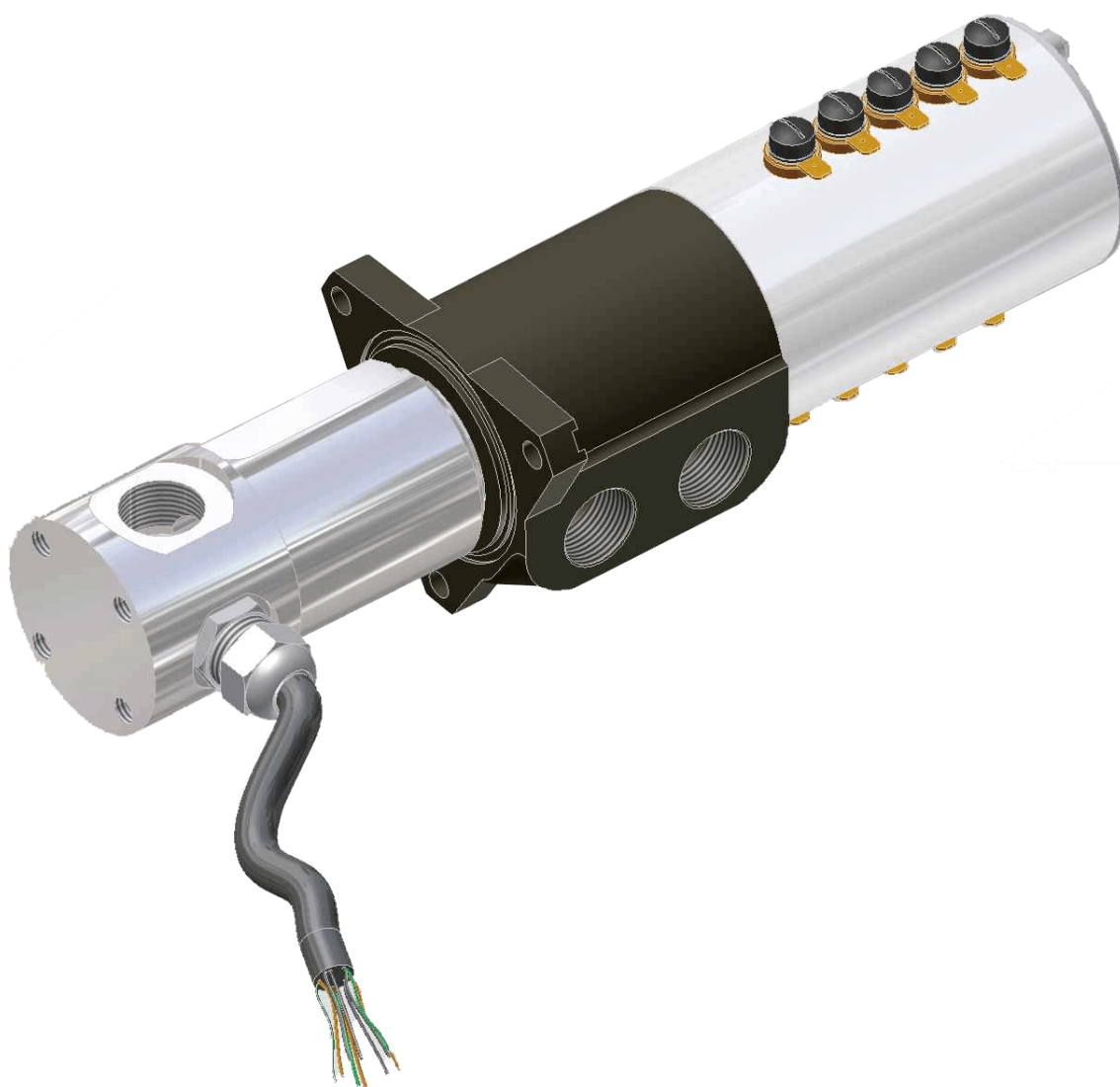


DISTRIBUTORI ROTANTI
ELETTRICI E Elettro-IDRAULICI
ELECTRO-HYDRAULIC
ROTARY COUPLING



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ELECTRIC ROTARY COUPLING**

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**DISTRIBUITORI ROTANTI COMBINATI ELETTRO-IDRAULICI
ELECTRO-HYDRAULIC ROTARY COUPLING**

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9909	14
9923	15

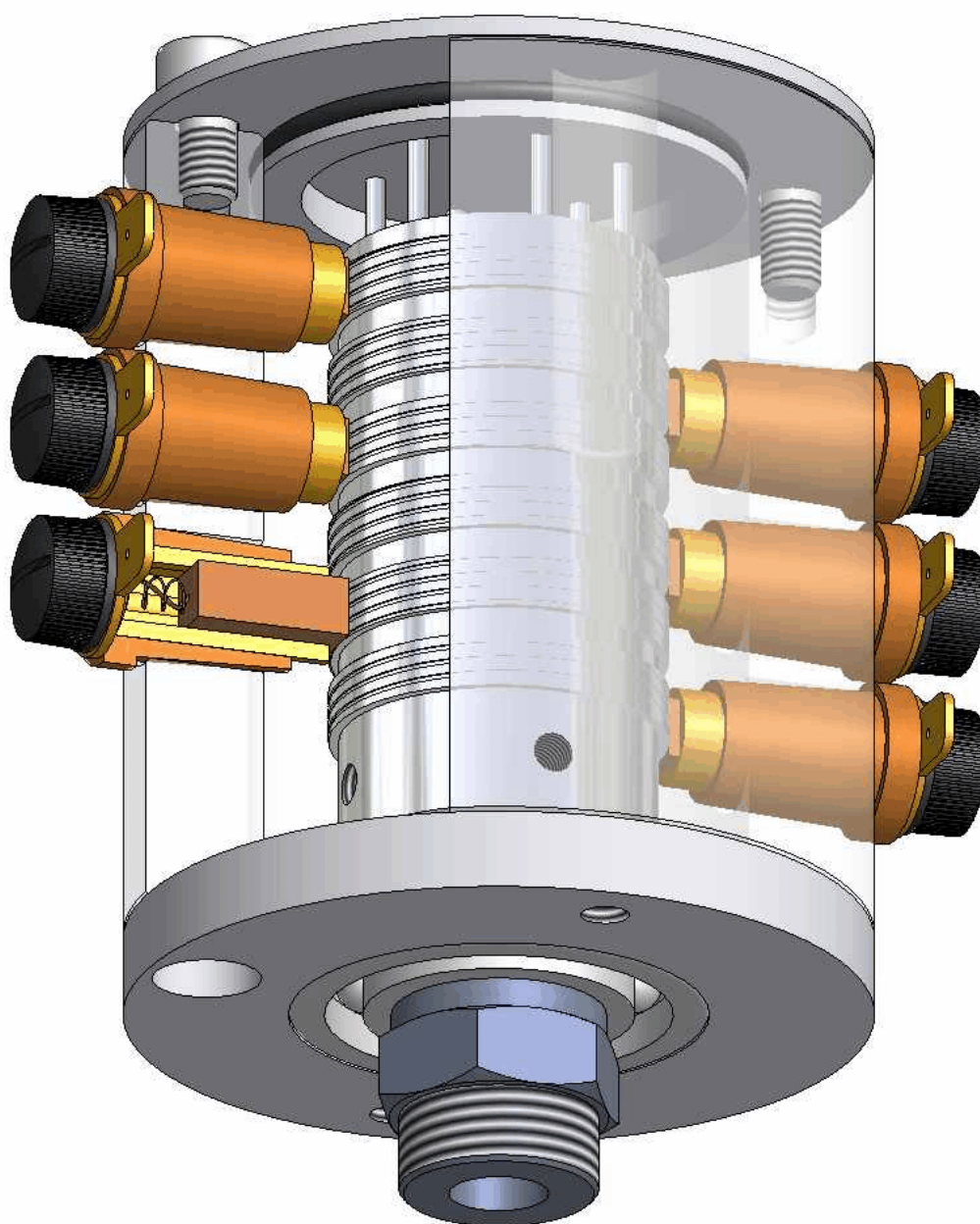
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DISTRIBUTORE ROTANTE ELETTRICO

ELECTRIC ROTARY COUPLING

SR 75 SERIES



DISTRIBUTORE ROTANTE ELETTRICO SERIE SR 75

ELECTRIC ROTARY COUPLING SR 75 SERIES

I distributori rotanti della serie SR 75 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.

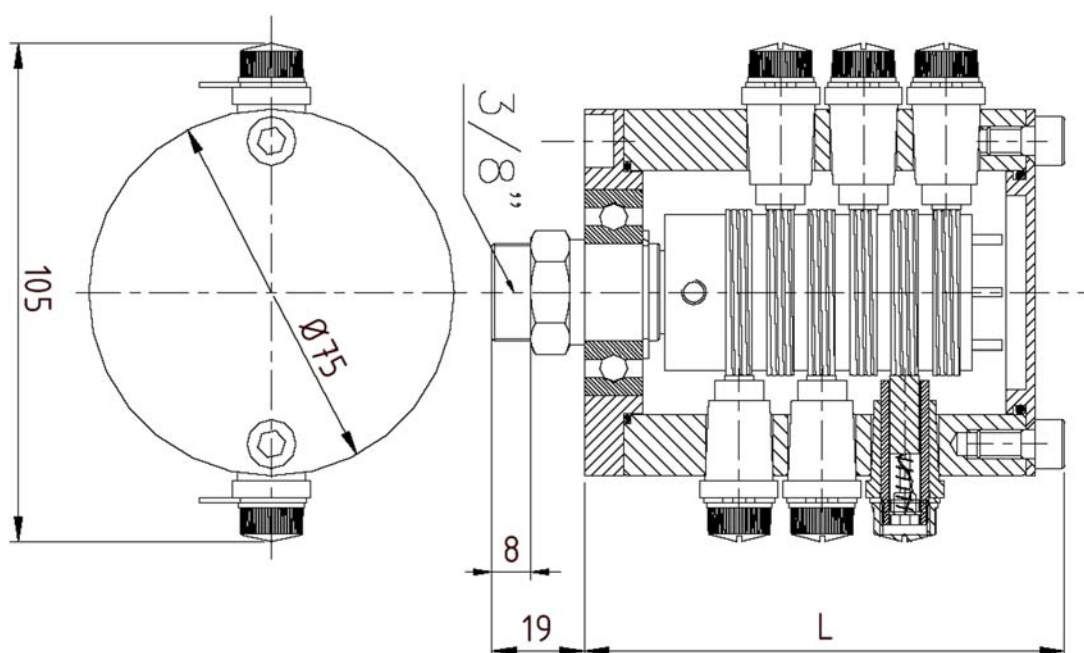
Sono fornibili in combinazine con una grande gamma di giunti rotanti per olio, aria, acqua e gas.

The SR 75 series rotary coupling 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. 10
Tensione Max Di Esercizio <i>Max Working Tension</i>	V 75
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>	1,5 mm²

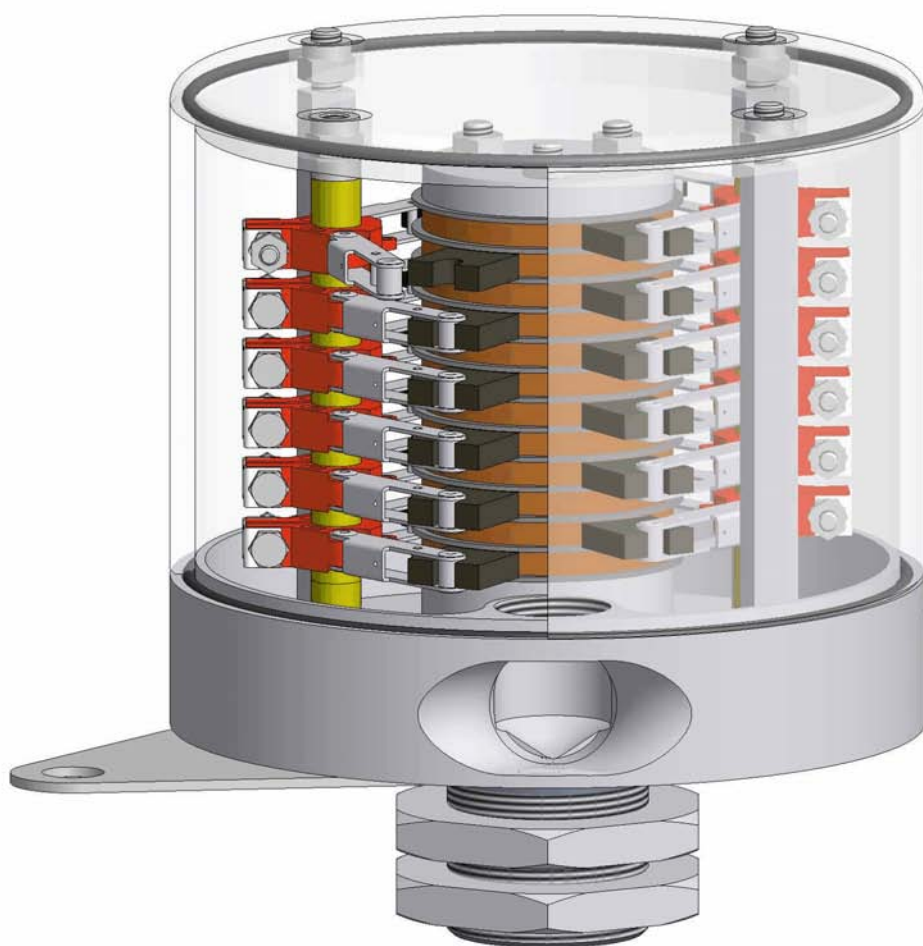
MODELLO MODEL	N°CONTATTI N°CONDUCTORS	L mm
SR75.02	2	65
SR75.03	3	73
SR75.04	4	92
SR75.05	5	90
SR75.06	6	99
SR75.07	7	107
SR75.08	8	116
SR75.10	10	133
SR75.12	12	150
SR75.14	14	154
SR75.16	16	169



DISTRIBUTORE ROTANTE ELETTRICO

ELECTRIC ROTARY COUPLING

SR 150 SERIES



DISTRIBUTORE ROTANTE ELETTRICO SERIE SR 150 ELECTRIC ROTARY COUPLING SR 150 SERIES

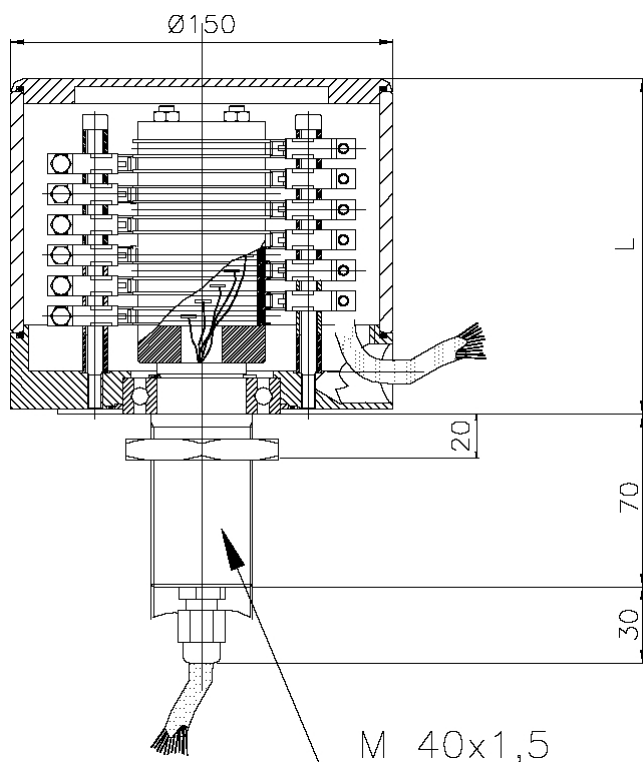
I distributori rotanti della serie SR 150 riassumono la trentennale esperienza HANSA-TMP nel settore della trasmissione di corrente elettrica per applicazioni di potenza, segnali, sistemi bus e video in diverse applicazioni rotanti.

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

**DISTRIBUTORE ROTANTE COMBINATO
ELETTRO-IDRAULICO**

ELECTRO-HYDRAULIC ROTARY COUPLING

HS 03 SERIES



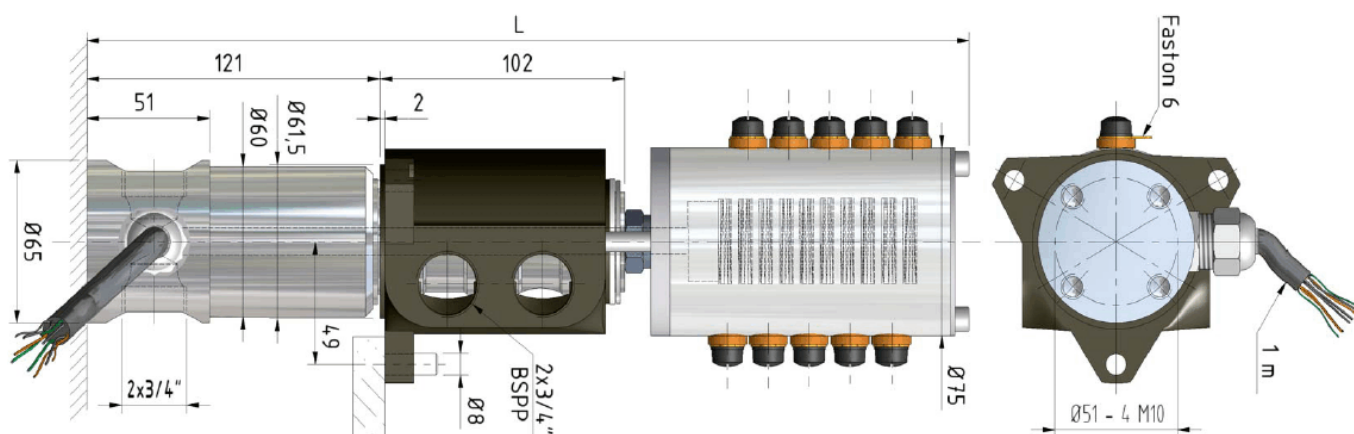
DISTRIBUTORE ROTANTE COMBINATO ELETTRIDRAULICO
SERIE HS 03

ELECTRO-HYDRAULIC ROTARY COUPLING HS 03 SERIES

CARATTERISTICHE TECNICHE
SPECIFICATION

Tensione Max <i>Max Tension</i>	75 V
Giri Max <i>Max Turns</i>	85 rpm
Pressione d'Esercizio <i>Working Pressure</i>	300 bar

CONTATTI <i>CONTACTS</i>	CAVO <i>CABLE</i> mm ²	CORRENTE <i>CURRENT</i> A	L mm	COLLETTORE STANDARD <i>STANDARD</i> SLIP RING	CONTATTI COLLETTORE ARGENTATI <i>SILVER CONTACTS</i> SLIP RING
2	1.5	6	273	HS03/E2	HS03/E2/SB
3	1.5	6	281	HS03/E3	HS03/E3/SB
4	1.5	6	300	HS03/E4	HS03/E4/SB
5	1	4	298	HS03/E5	HS03/E5/SB
6	1	4	307	HS03/E6	HS03/E6/SB
7	1	4	315	HS03/E7	HS03/E7/SB
8	1	4	324	HS03/E8	HS03/E8/SB
10	1	4	341	HS03/E10	HS03/E10/SB
12	1	4	358	HS03/E12	HS03/E12/SB
14	0.5	2	362	HS03/E14	HS03/E14/SB
16	0.5	2	377	HS03/E16	HS03/E16/SB



**DISTRIBUTORE ROTANTE COMBINATO
ELETTRICO-IDRAULICO**

ELECTRO-HYDRAULIC ROTARY COUPLING

SERIES HS 05



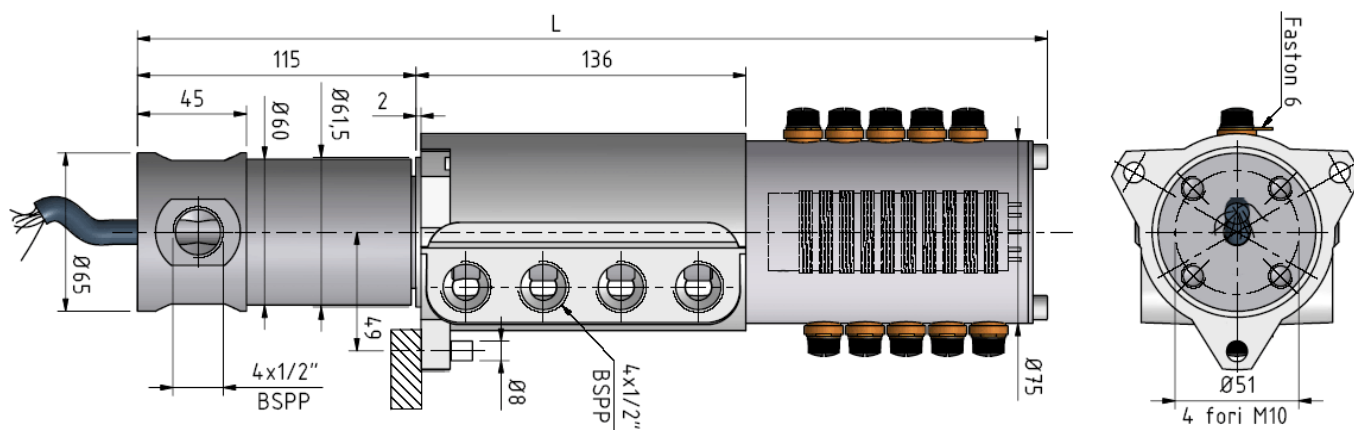
DISTRIBUTORE ROTANTE COMBINATO ELETTRIDRAULICO
SERIE HS 05

ELECTRO-HYDRAULIC ROTARY COUPLING HS 05 SERIES

CARATTERISTICHE TECNICHE
SPECIFICATION

Tensione Max <i>Max Tension</i>	75 V
Giri Max <i>Max Turns</i>	85 rpm
Pressione d'Esercizio <i>Working Pressure</i>	300 bar

CONTATTI <i>CONTACTS</i>	CAVO <i>CABLE</i> mm ²	CORRENTE <i>CURRENT</i> A	L <i>mm</i>	COLLETTORE STANDARD <i>SLIP RING</i>	CONTATTI COLLETTORE ARGENTATI <i>SILVER CONTACTS</i> <i>SLIP RING</i>
0	-	-	259	HS05 only hydraulic	
2	1.5	6	308	HS05/E2	HS05/E2/SB
3	1.5	6	316	HS05/E3	HS05/E3/SB
4	1.5	6	335	HS05/E4	HS05/E4/SB
5	1	4	333	HS05/E5	HS05/E5/SB
6	1	4	342	HS05/E6	HS05/E6/SB
7	1	4	350	HS05/E7	HS05/E7/SB
8	1	4	359	HS05/E8	HS05/E8/SB
10	1	4	376	HS05/E10	HS05/E10/SB
12	1	4	393	HS05/E12	HS05/E12/SB
14	0.5	2	397	HS05/E14	HS05/E14/SB
16	0.5	2	412	HS05/E16	HS05/E16/SB



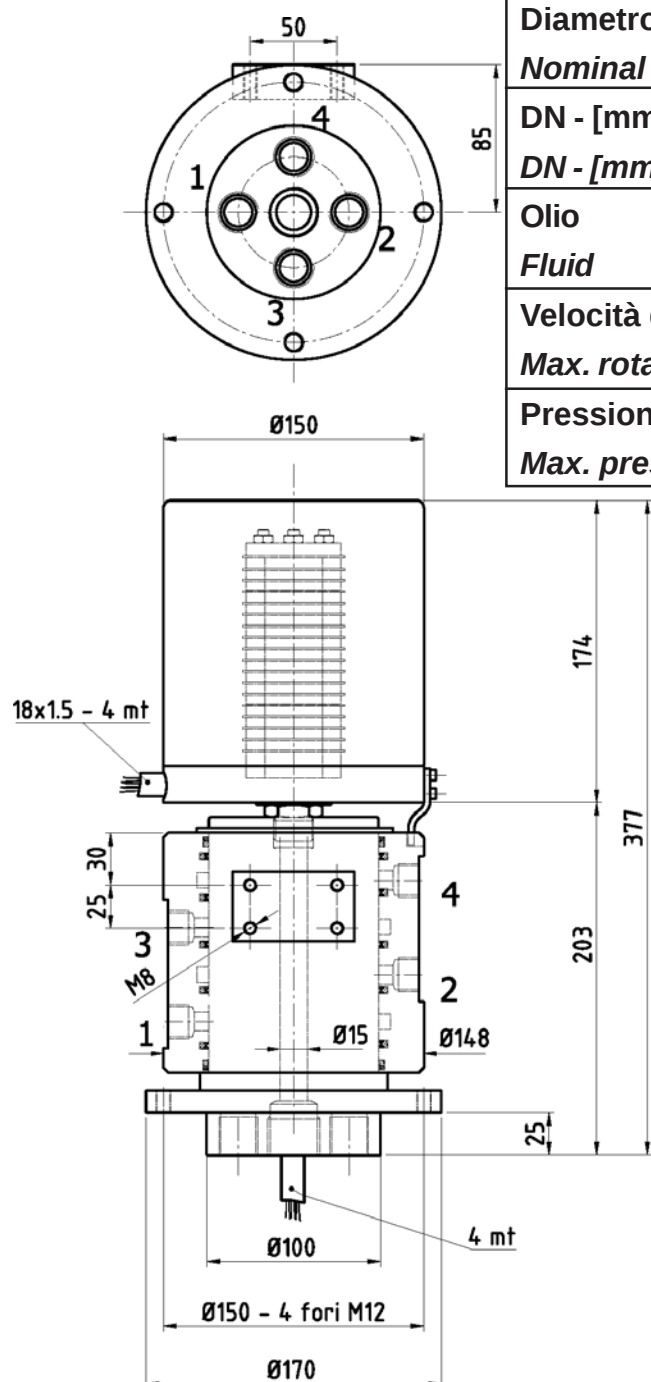
DISTRIBUTORI ROTANTI ELETTRIDRAULICI
COMBINED ELECTROHYDRAULIC SWIVEL JOINTS
MODEL 9869 - 9909 - 9923



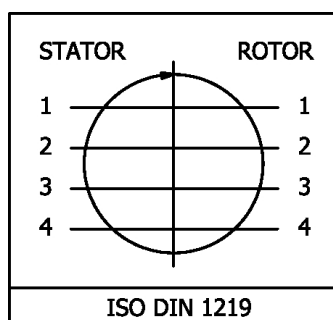
DISTRIBUTORE ROTANTE ELETTROIDRAULICO
COMBINED ELETTROHYDRAULIC SWIVEL JOINT

MODEL 9909

Hydraulic Specifications				
Ingressi idraulici <i>Hydraulic ports</i>	1"	2"	3"	4"
Diametro nominale <i>Nominal diameter</i>	3/4"	3/4"	3/4"	3/4"
DN - [mm] <i>DN - [mm]</i>	19	19	19	19
Olio <i>Fluid</i>	Hydraulic Oil			
Velocità di rotazione massima <i>Max. rotation speed</i>	10 - [rpm]			
Pressione massima <i>Max. pressure</i>	350 - [bar]			

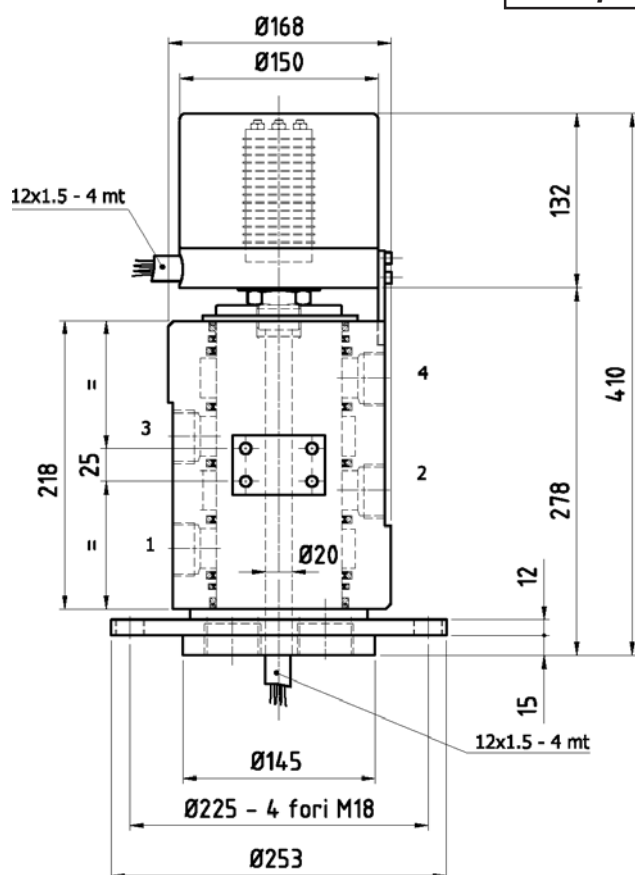
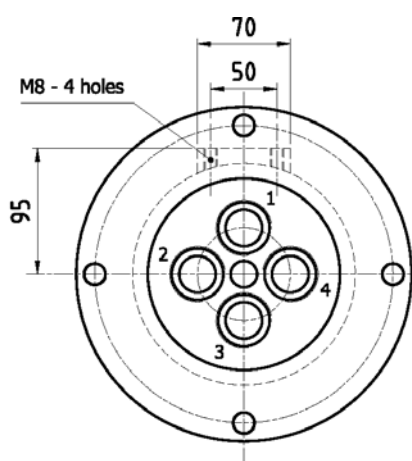


Electrical specifications	
N° contatti <i>N° contacts</i>	18
Tensione massima <i>Max tension</i>	75 - [V]
Corrente massima <i>Max current</i>	16 - [A]
Schermatura <i>Protection degree</i>	IP 65



DISTRIBUTORE ROTANTE ELETTROIDRAULICO COMBINED ELETTROHYDRAULIC SWIVEL JOINT

MODEL 9923

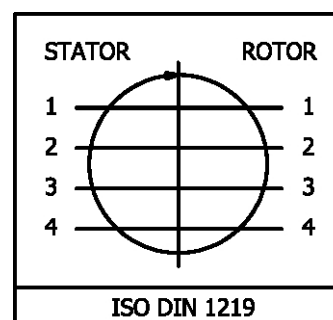


Hydraulic Specifications

Ingressi idraulici <i>Hydraulic ports</i>	1"	2"	3"	4"
Diametro nominale <i>Nominal diameter</i>	1"	1"	1"	1"
DN - [mm] <i>DN - [mm]</i>	20	20	20	20
Olio <i>Fluid</i>	Hydraulic Oil			
Velocità di rotazione massima <i>Max. rotation speed</i>	10 - [rpm]			
Pressione massima <i>Max. pressure</i>	350 - [bar]			

Electrical specifications

N° contatti <i>N° contacts</i>	12
Tensione massima <i>Max tension</i>	75 - [V]
Corrente massima <i>Max current</i>	6 - [A]
Schermatura <i>Protection degree</i>	IP 65





GIUNTI GIREVOLI SWIVEL BLOCKS

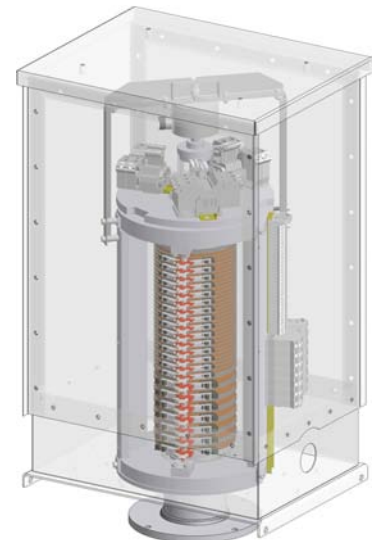
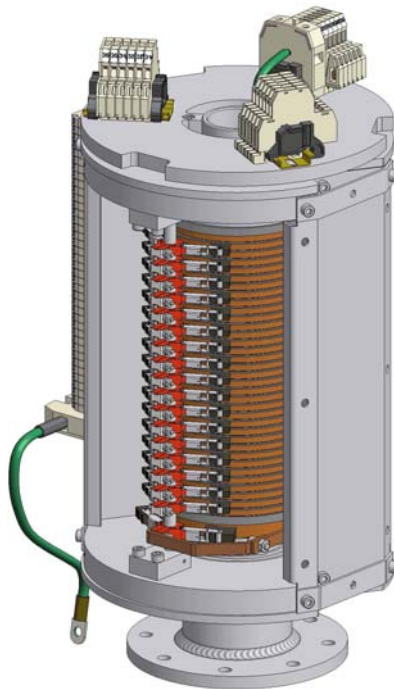
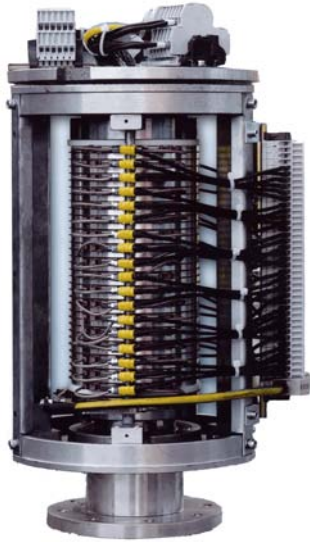


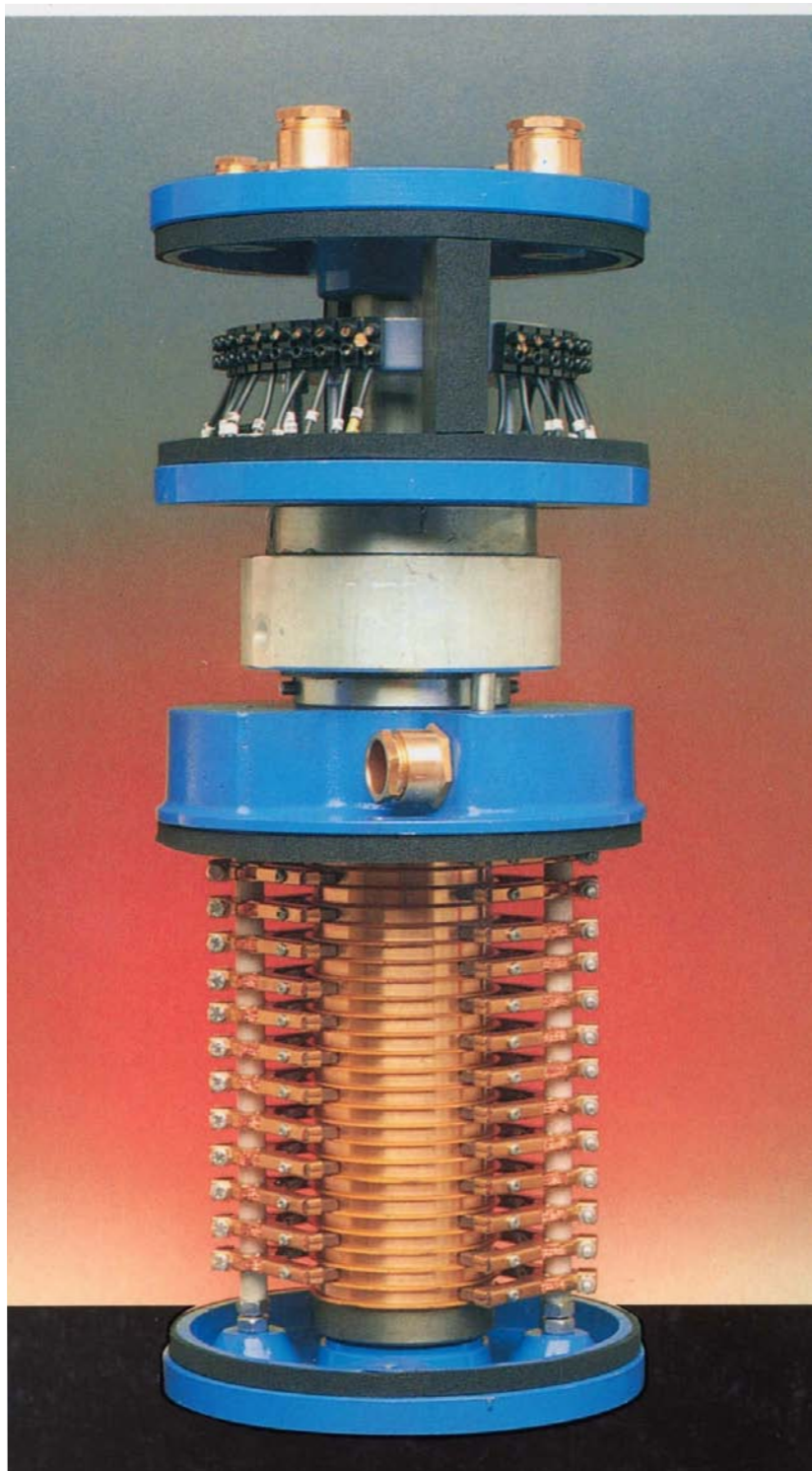
Pressione di esercizio massima
Max working pressure

240 bar - 24 Mpa

GR 1.06 - GR		MODELLO	VIE
GR 1.19		MODEL	PORT
		GR 1.06	2x1/4"
		GR 1.10	2x3/8"
		GR 1.19	2x3/4"
		GR 5.06	2x1/4"
		GR 5.10	2x3/8"
		GR 2.10	2x3/8"
		GR 4.10	4x3/8"
		GR 4.12	4x3/8"

PRESE ROTANTI ELETTRICHE SLIP RING ASSEMBLY





Electric and Electro-Hydraulic 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: Anticorrosion resistance

Terminals board for brush holder

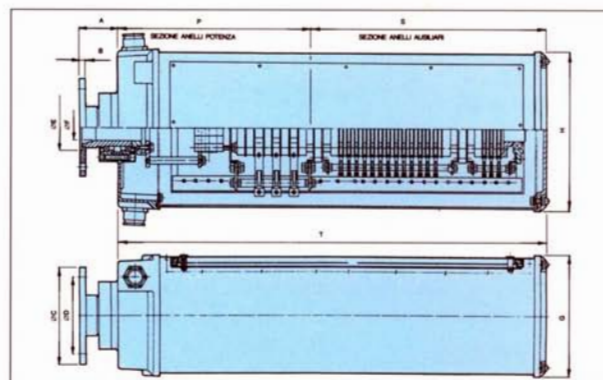
Unipolar cable tails already connected

Four inspection doors

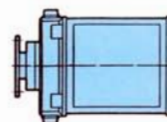
Can be assembled together with joints for fluid bore.

DIMENSIONS

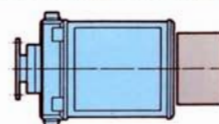
TYPE	A	B	Ø C	Ø D	Ø E	Ø F	G	H
SOLAR 1	80	12	200	160	95	57,5	250	330
SOLAR 2	100	12	200	160	130	90	330	480
SOLAR 3	60	12	250	200	150	120	400	600
SOLAR 4	80	12	300	250	210	180	500	700



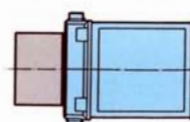
Standard model



Socket with upper fluidic joint



Socket with lower fluidic joint



POSSIBLE COMPOSITIONS

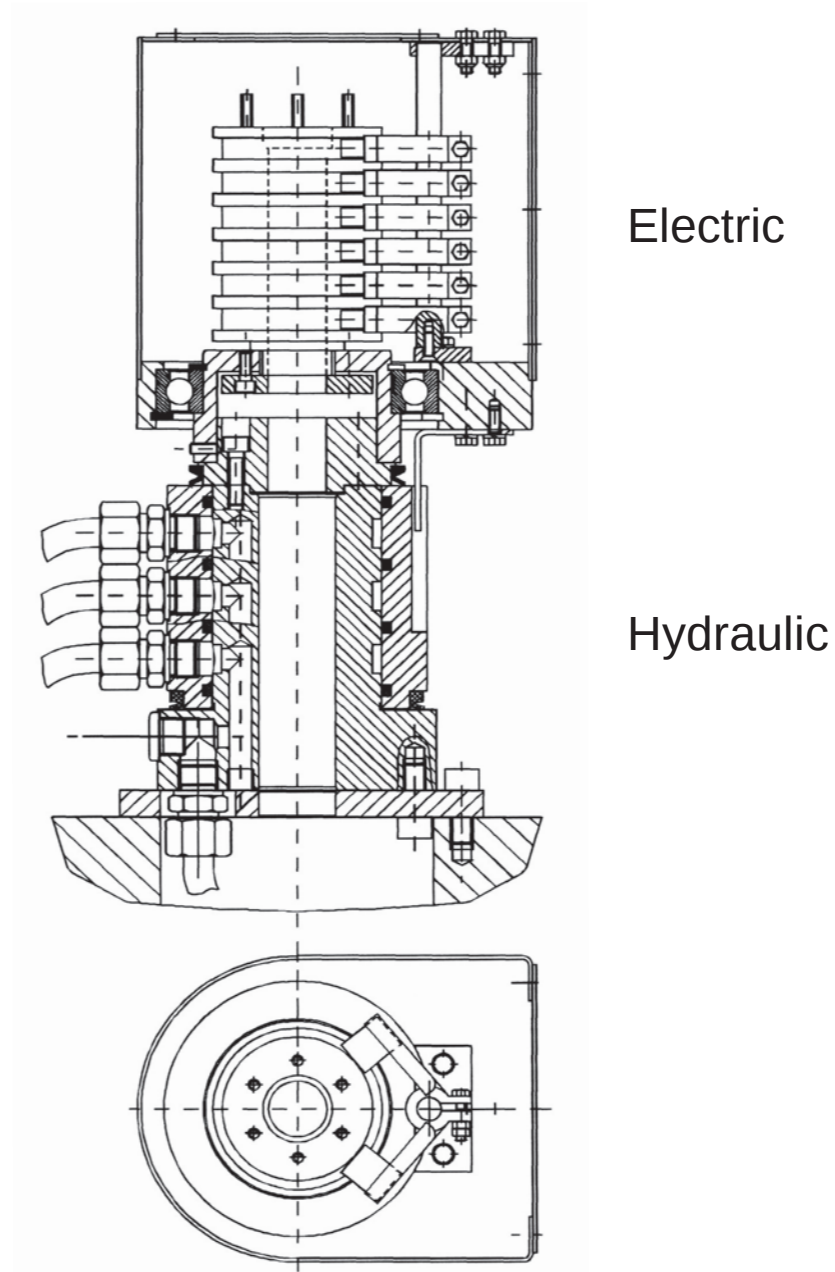
Amp.	RINGS			BRUSH HOLDERS			DIMENSIONS	
	Nr	Ø mm.	CABLE Nr mmq.	Nr	TYPE	CABLE Nr mmq.	SECTOR S (mm)	SECTOR P (mm)
10	1	110	1 1.5	1	AG	1 1.5	7xNr RINGS+80	
20	1	110	1 2.5	1	510	1 2.5	7xNr RINGS+80	
50	1	110	1 10	1	816	1 10	24xNr RINGS+80	
100	1	110	1 16	1	1025	1 16		24xNr RINGS+250
150	1	110	1 50	1	1232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

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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