



ROTARY UNIONS - GIUNTI ROTANTI

English version  |  Versione italiana



**SC**  
series

[www.girol.it/br/](http://www.girol.it/br/)

# SC

## ROTARY JOINTS WITH RADIAL GAP SEALS

### Giunti rotanti con drenaggio continuo controllato

SC series Rotary Joints are designed to enable hydraulic oil to work at high pressure and high rotation speed. The main advantage is the absence of wearing parts. This series consists of wearfree hydrostatically regulated radial gap seal systems with self-centring sealing bushings. The critical load areas in the primary and secondary sealing sections are made of resistant coatings and finished with the best possible surface quality in order to achieve the greatest possible level of reliability. SC series can be supplied with 2 up to 20 ways.

I giunti rotanti Girol della Serie SC sono progettati per permettere all'olio idraulico di lavorare ad alte pressioni ed alte velocità rotative.

Il principale vantaggio è l'assenza di parti soggette ad usura. La tenuta della pressione viene assicurata da un sistema di tenuta radiale a regolazione idrostatica con perdita controllata. Le aree di carico sono trattate e rifinite con la migliore qualità superficiale possibile al fine di ottenere il massimo livello di affidabilità.

La Serie SC può essere fornita da 1 a 6 passaggi.

#### FLUIDS

Hydraulic oil

#### MAX TEMPERATURE

90°C



#### MAX PRESSURE

300 bar

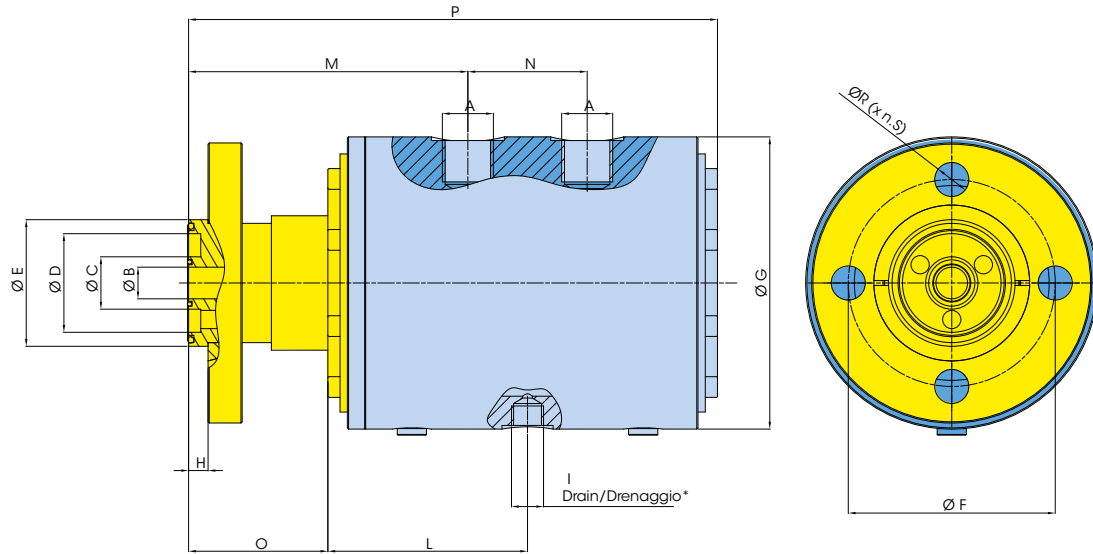
#### ROTATION

5.000 rpm

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## FLANGED VERSION

Versione attacco a flangia



FIXED PARTS / Parti fisse

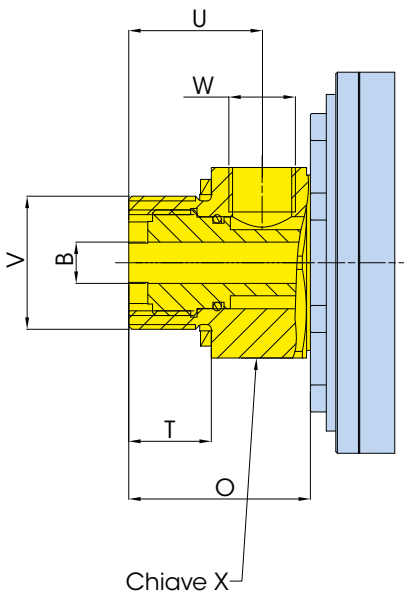
ROTARY PARTS / Parti rotanti

CODE Codice	A (BSP)	B	C	D	E (F6)	F	G	H	I (BSP)	M	N	P	R	S	WEIGHT Peso	PMAX. (bar)
SC2025-GS0LS	1/4"	6	13,3	22,7	36	65	90	6	1/8"	86	31	158	14	4	5	250
SC2037-GS0LS	3/8"	10	18	31	45	75	96	8	1/4"	98	41	186	14	4	8	250
SC2050-GS0LS	1/2"	13	21,5	40,5	52	85	120	8	1/4"	115	49	217	14	4	14	250
SC2075-00002	3/4"	18	27	45	59	100	138	10	1/4"	129	67	262	18	4	20	250
SC2100-GS0LS	1"	24	33	54	65	100	154	10	1/4"	137	61	266	18	4	25	250

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## THREAD VERSION

Versione attacco filettato

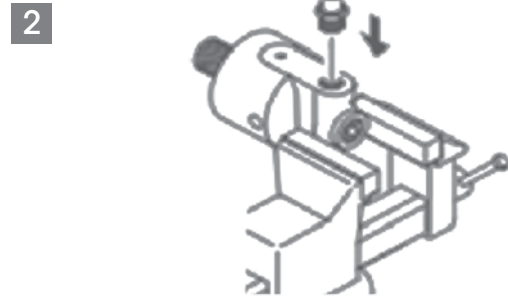
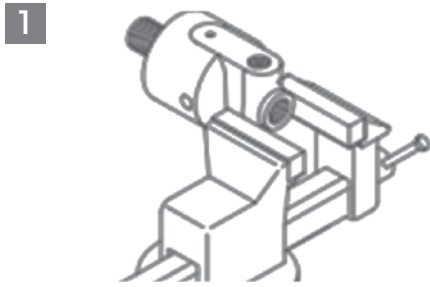


CODE Codice	B	O	T	U	V (BSP)	W (BSP)	X	WEIGHT Peso	PMAX. (bar)
SCD025-GS0GS	6	51	24	36	3/4"	1/4"	50	5	250
SCD037-GS0GS	10	55	28	41	1"	3/8"	50	7	250
SCD050-GS0GS	13	57	26	42	1" 1/4	1/2"	60	12	250
SCD075-GS0GS	18	71	30	51	1" 1/2	3/4"	65	22	250
SCD100-GS0GS	24	80	32	55	1" 1/2	1"	75	35	250

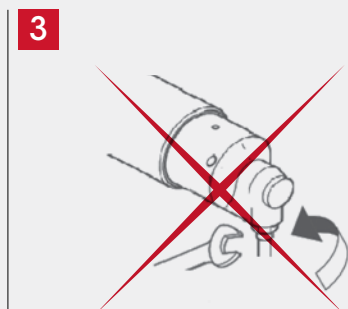
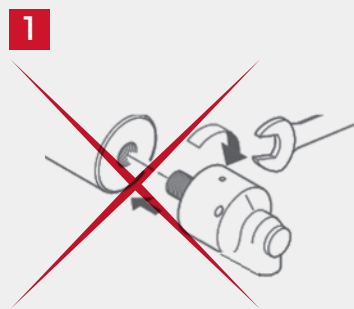


## INSTALLATION installazione

### HOW TO INSTALL // COME INSTALLARE



### HOW TO **NOT** INSTALL // COME **NON** INSTALLARE



**PIPES MUST BE FLEXIBLE!**  
**ITUBI DEVONO ESSERE FLESSIBILI**



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Open retailers  
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