



Series/Serie

HD

ROTARY UNIONS WITH TWO INDEPENDENT DIRECTIONS
Giunti rotanti due vie indipendenti



HD

ROTARY UNION WITH TWO INDEPENDENT DIRECTIONS Giunti rotanti due vie indipendenti

The GIROL HD series is designed for mounting in a coil machine. However, it is a product that can be used in a variety of applications, whenever a rotary union is necessary with two directions and high pressure capability up to 350 bar.

The alignment and precision are guaranteed by the use of a ball bearing.

The external housing is made of aluminum while the internal rotor is made from nickel-plated carbon steel.

I giunti GIROL della serie HD sono progettati principalmente per il montaggio su ASPI, ma essendo un prodotto universale consente l'utilizzo su svariate applicazioni, dove si richiede un giunto due vie indipendenti con pressioni fino a 350 bar e qualsiasi tipo di fluido (olio idraulico, acqua, aria...). L'assialità e la precisione sono garantite dai cuscinetti a sfera. I materiali costruttivi sono, alluminio anodizzato per la parte esterna (corpo) e acciaio al carbonio trattato al niprolo per parte interna (rotore).

MAX FLUID PRESSURE

- ▶ WATER - HYDR.OIL - AIR
350 bar

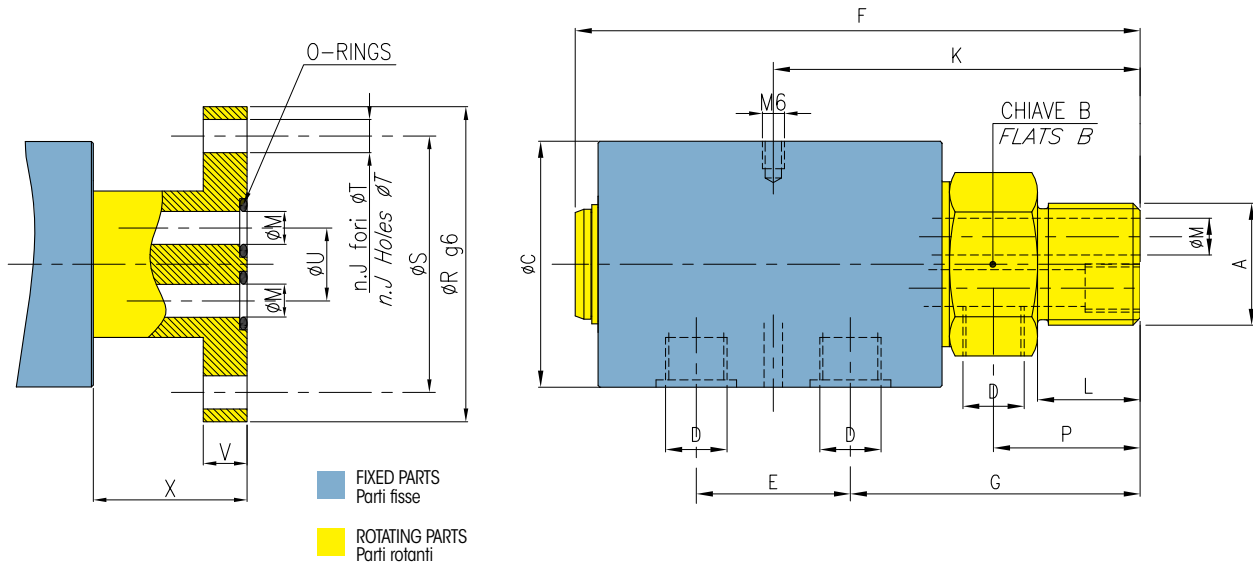
MAX SPEED

- ▶ From 100 to 120 rpm

MAX TEMPERATURE

- ▶ WATER - HYDR.OIL - AIR 90 °C



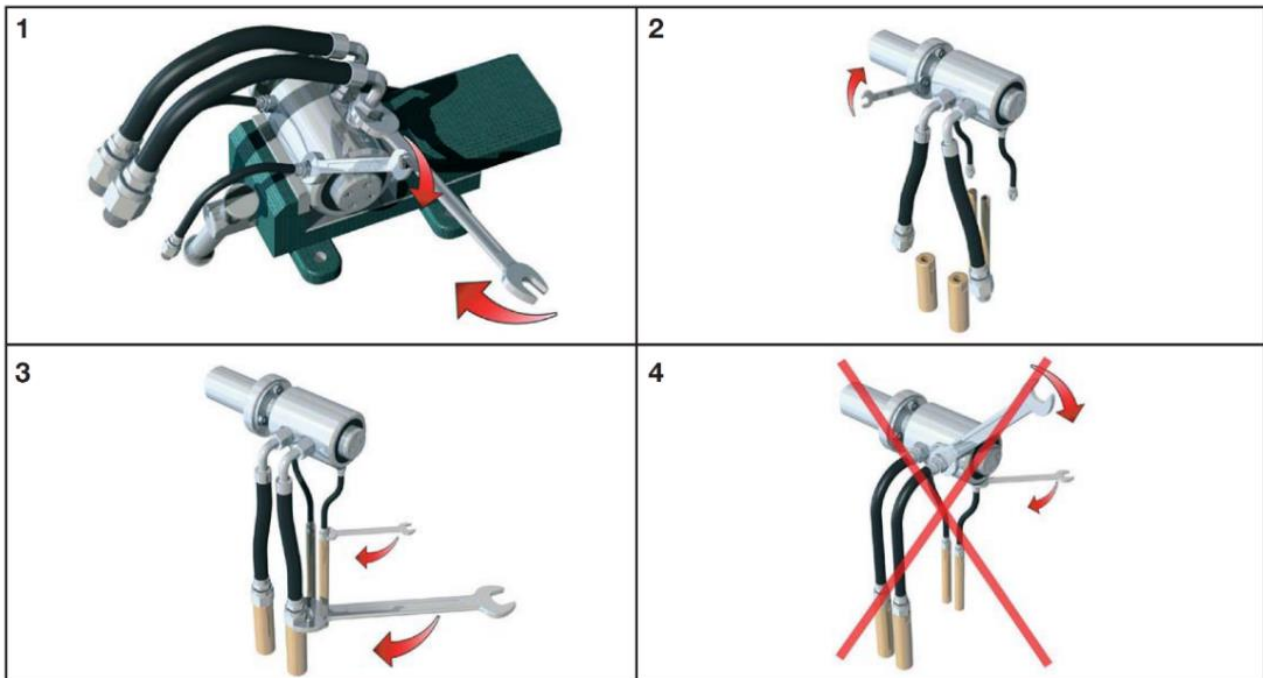


CODE codice	A	B	C	D	E	F	G	J	K
HDD025-GY6GS	3/4" BSP	50	$\frac{67}{2,637}$	1/4" BSP	$\frac{41}{1,614}$	$\frac{154}{6,062}$	$\frac{80}{3,149}$	/	$\frac{101}{3,976}$
HD0025-GY6LS	FLANGED fangiato	/	$\frac{67}{2,637}$	1/4" BSP	$\frac{41}{1,614}$	$\frac{146}{5,748}$	$\frac{73}{2,874}$	4	$\frac{93}{3,661}$
HDD037-GY6GS	1" BSP	50	$\frac{67}{2,637}$	3/8" BSP	$\frac{41}{1,614}$	$\frac{158}{6,220}$	$\frac{84}{3,307}$	/	$\frac{105}{4,133}$
HD0037-GY6LS	FLANGED fangiato	/	$\frac{67}{2,637}$	3/8" BSP	$\frac{41}{1,614}$	$\frac{146}{5,748}$	$\frac{73}{2,874}$	4	$\frac{93}{3,661}$
HDD050-GY6GS	1 1/4" BSP	60	$\frac{79}{3,110}$	1/2" BSP	$\frac{53}{2,086}$	$\frac{178}{7,007}$	$\frac{91}{3,582}$	/	$\frac{118}{4,645}$
HD0050-GY6LS	FLANGED fangiato	/	$\frac{79}{3,110}$	1/2" BSP	$\frac{53}{2,086}$	$\frac{173}{6,811}$	$\frac{86,5}{3,405}$	4	$\frac{113}{4,448}$
HDD075-GY6GS	1 1/2" BSP	65	$\frac{88}{3,464}$	3/4" BSP	$\frac{59}{2,322}$	$\frac{215}{8,464}$	$\frac{113}{4,448}$	/	$\frac{143}{5,629}$
HD0075-GY6LS	FLANGED fangiato	/	$\frac{108}{4,251}$	3/4" BSP	$\frac{59}{2,322}$	$\frac{233}{9,173}$	$\frac{126}{4,960}$	6	$\frac{156}{6,141}$

CODE codice	L	M	P	R(g6)	S	T	U	V
HDD025-GY6GS	$\frac{24}{0,944}$	/	$\frac{36}{1,417}$	/	/	/	/	/
HD0025-GY6LS	/	$\frac{8}{0,314}$	/	$\frac{86}{3,385}$	$\frac{70}{2,755}$	$\frac{9}{0,354}$	$\frac{20}{0,787}$	$\frac{12}{0,472}$
HDD037-GY6GS	$\frac{28}{1,102}$	/	$\frac{40}{1,574}$	/	/	/	/	/
HD0037-GY6LS	/	$\frac{10}{0,393}$	/	$\frac{86}{3,385}$	$\frac{70}{2,755}$	$\frac{9}{0,354}$	$\frac{20}{0,787}$	$\frac{12}{0,472}$
HDD050-GY6GS	$\frac{29}{1,141}$	/	$\frac{44}{1,732}$	/	/	/	/	/
HD0050-GY6LS	/	$\frac{12,5}{0,492}$	/	$\frac{108}{4,251}$	$\frac{88}{3,464}$	$\frac{11}{0,43}$	$\frac{20,5}{0,807}$	$\frac{16}{0,629}$
HDD075-GY6GS	$\frac{30}{1,181}$	/	$\frac{51}{2,007}$	/	/	/	/	/
HD0075-GY6LS	/	$\frac{19}{0,748}$	/	$\frac{148}{5,826}$	$\frac{126}{4,960}$	$\frac{13,5}{0,521}$	$\frac{33}{1,299}$	$\frac{25}{0,984}$

Installation of multiways Rotating Unions.

Mod. 7.1.3



1 - Avvitare i tubi flessibili al corpo del giunto rotante / *Connect the flexible hoses*

2 - Fissare il Giunto Rotante al cilindro della macchina / *Connect the Rotary Union to machine's cylinder*

3- Collegare i tubi flessibili alla macchina / *Connect the flex. hoses to the machine*

COLLEGARE IL GIUNTO ROTANTE AL CILINDRO, SOLO DOPO AVER FISSATO AL CORPO DEL GIUNTO ROTANTE, I TUBI FLESSIBILI !!

CONNECT THE ROTARY UNION TO THE CYLINDER, ONLY AFTER THE FLEXIBLE HOSES ARE SCREWED ON THE ROTARY UNION'S HOUSING !!

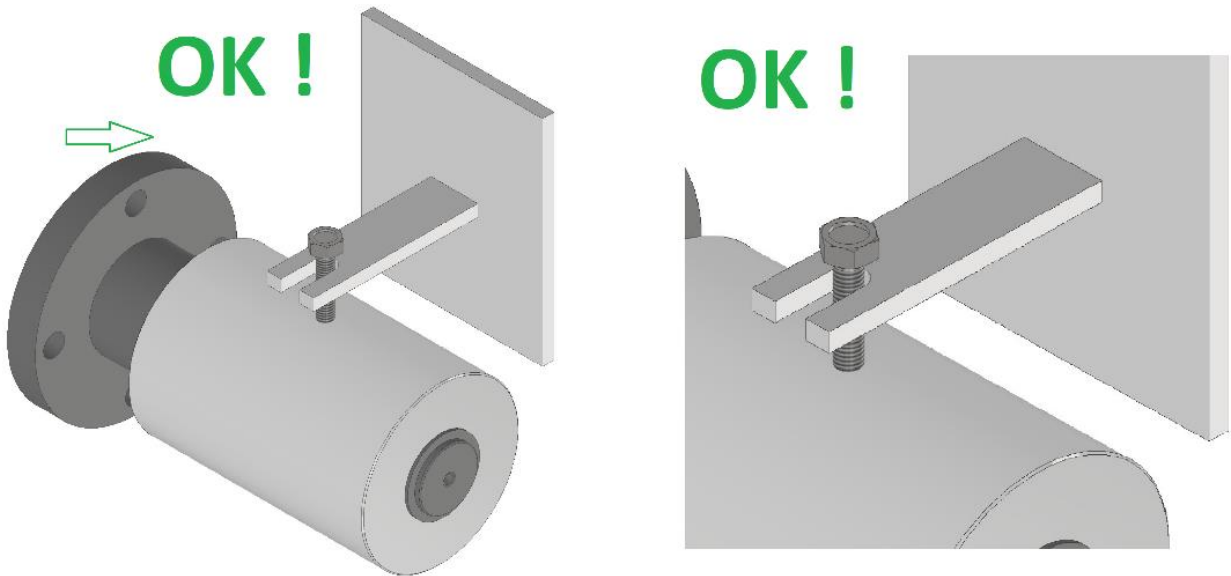
I TUBI DEVONO ESSERE FLESSIBILI !!
PIPES MUST BE FLEXIBLE !!



SISTEMA ANTIROTAZIONE / ANTIROTATION SYSTEM :

LA VITE ANTIROTAZIONE **NON** DEVE VINCOLARE IL CORPO DEL GIUNTO !!
ANTIROTATION SCREW **MUST NOT** BLOCK THE ROTARY UNION'S HOUSING !!

Esempio di un sistema antirotazione **CORRETTO**
Example of **CORRECT** antirotation system :



Esempio di un sistema antirotazione **SCORRETTO**
Example of **WRONG** antirotation system :

