

## H Series Overview

### Description

The H series rotary joint is intended for cooling water, with zero leakage and long lasting performance. The water rotary union is made using high-quality brass and features a balanced sealing design

- Transmit cooling water, gas when 360°unrestricted rotation.
- Stainless steel shaft
- Advanced sealing technology
- Mounting Flange can be option



### Specifications

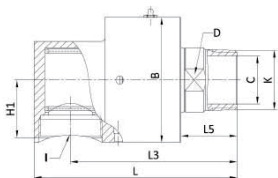
Item	
Channel	Mono or dual
Pressure	Max. 10bar
Thread Size	Rc1/4 ~ Rc2-1/2
Rotor Thread Direction	RH and LH
Operating Temperature	Max. 90° C
Suitable Media	Cooling water / Gas / Oil
Speed	≤1000 RPM
Housing Material	Copper

All values listed under Technical Specifications are dependent on a combination of all application parameters. Please note operational life is dependent upon both rotational speed and duty cycle.

# INTRODUCE

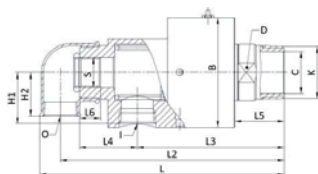
## H series

### HD Series Dimensions



Part#	DN	K	I	L	L3	L5	H1	ΦB	ΦC	D
HD-8	8	R1/4	Rc1/4	76	66	22	20	39	5	11
HD-10	10	R3/8	Rc3/8	105	90	30	28	55	8	21
HD-15	15	R1/2	Rc1/2	105	90	30	28	55	12	21
HD-20	20	R3/4	Rc3/4	115	95	30	31	62	16	24
HD-25	25	R1	Rc1	125	103	33	37	74	20	30
HD-32	32	R1-1/4	Rc1-1/4	156	128	42	45	90	30	38
HD-40	40	R1-1/2	Rc1-1/2	160	130	40	48	95	36	44
HD-50	50	R2	Rc2	220	182	60	61	122	48	55
HD-65	65	R2-1/2	Rc2-1/2	256	211	68	78	156	62	75

### HSG Series Dimensions (Stationary Internal Pipe)



Part#	DN	K	I	O	S	L	L2	L3	L4	L5	L6	H1	H2	ΦB	ΦC	D
HSG-15	15	R1/2	Rc1/2	Rc1/2	G1/8	147	135	90	35	30	15	28	25	55	12	21
HSG-20	10	R3/4	Rc3/4	Rc1/2	G1/4	170	155	95	45	30	15	31	30	62	16	24
HSG-25	15	R1	Rc3/4	Rc1/2	G3/8	175	160	103	38	33	18	37	33	74	20	30
HSG-32	20	R1-1/4	Rc1-1/4	Rc1/2	G1/2	211	196	128	54	42	22	45	38	90	30	38
HSG-40	25	R1-1/2	Rc1-1/2	Rc3/4	G3/4	232	210	130	55	40	25	48	43	95	36	44
HSG-50	32	R2	Rc1-1/2	Rc1	G1	300	278	182	73	60	25	60	51	122	48	55
HSG-65	40	R2-1/2	Rc2	Rc1-1/4	G1-1/4	350	325	211	84	68	30	78	62	156	62	75

#### Notes:

1. Drawings not actual size, dimensions are in millimeters

## CGS Series Overview

### Description

The CGS series rotary joint is used for high speed, low pressure applications, the media can be both hydraulic and pneumatic, balanced sealing design, double-ball bearing, integrated structure, single-spring design and self-support fixture.

- Transmit air, vacuum, fluid when 360° unrestricted rotation.
- Stainless steel shaft
- Advanced sealing technology
- High reliability and long lifespan



### Specifications

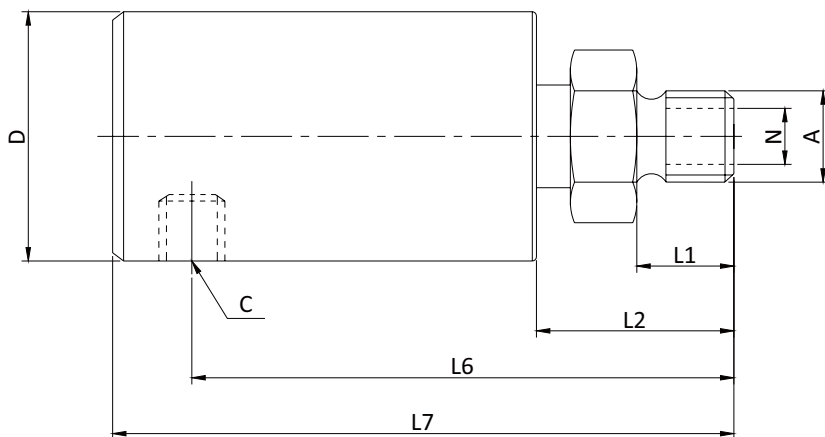
Item	
Channel	Single
Pressure	Max.30bar
Thread Size	Rc1/4 ~ Rc1-1/2
Rotor Thread Direction	RH and LH
Operating Temperature	Max.120° C
Suitable Media	Air / Vacuum / Fluid
Speed	≤3000 RPM
Housing Material	Aluminum alloy / stainless steel

All values listed under Technical Specifications are dependent on a combination of all application parameters. Please note operational life is dependent upon both rotational speed and duty cycle.

**INTRODUCE**

CGS series

2

**CGS Series Dimensions**

Part#	A	C	$\Phi N$	$\Phi D$	L1	L2	L6	L7
CGS-8	R1/4	Rc1/4	6	40	12	23	67	74
CGS-10	R3/8	Rc3/8	9	53	15	30	90	105
CGS-15	R1/2	Rc1/2	12	53	15	30	90	105
CGS-20	R3/4	Rc3/4	18	63	17	34	100	120
CGS-25	R1	Rc1	22	67	20	36	107	127
CGS-32	R1-1/4	Rc1-1/4	30	90	22	40	125	150
CGS-40	R1-1/2	Rc1-1/2	38	95	25	45	135	160

**Notes:**

1. Drawings not actual size, dimensions are in millimeters

## CGY Series Overview

### Description

The CGY series rotary joint is used for high pressure, low speed applications, media can be water, oil and etc, double-ball bearing, integrated structure.

- Transmit fluid, gas when 360°unrestricted rotation.
- All stainless steel structure
- Advanced sealing technology
- High reliability and long lifespan



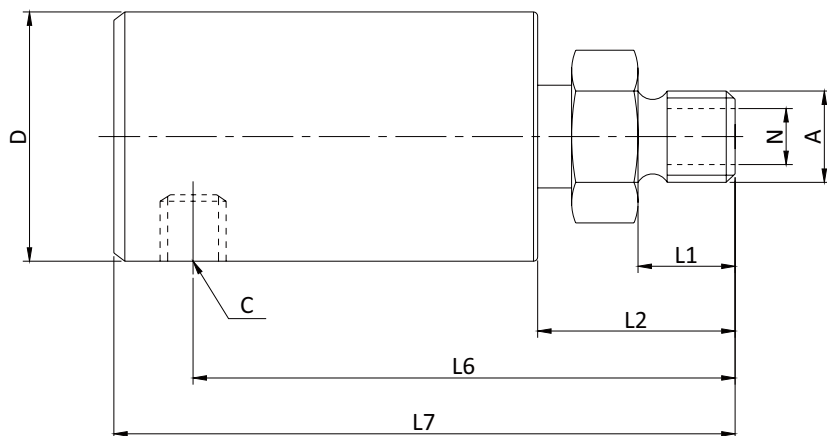
### Specifications

Item	
Channel	Single
Pressure	Max.20MPa
Thread Size	Rc1/4 ~ Rc1-1/2
Rotor Thread Direction	RH and LH
Operating Temperature	Max.200° C
Suitable Media	Gas / Fluid
Speed	≤100 RPM
Housing Material	Stainless steel

All values listed under Technical Specifications are dependent on a combination of all application parameters. Please note operational life is dependent upon both rotational speed and duty cycle.

**INTRODUCE**

## CGY series

**CGY Series Dimensions**

Part#	A	C	$\Phi N$	$\Phi D$	L1	L2	L6	L7
CGY-8	R1/4	Rc1/4	6	45	13	20	68	80
CGY-10	R3/8	Rc3/8	9	45	15	26	78	93
CGY-15	R1/2	Rc1/2	12	48	16	28	78	95
CGY-20	R3/4	Rc3/4	16	60	18	33	92	108
CGY-25	R1	Rc1	23	63	20	35	105	125
CGY-32	R1-1/4	Rc1-1/4	30	78	23	43	125	158
CGY-40	R1-1/2	Rc1-1/2	35	88	25	55	140	172

**Notes:**

1. Drawings not actual size, dimensions are in millimeters