MODEL

W7000

SERIES

Rotary Joint for Water & General Purpose

High-performance rotary joint designed for reliable water transfer from stationary supply lines to rotating machine components. Brass housing, stainless-steel rotor and balanced mechanical sealing provide stable operation and long service life.



APPLICATIONS

- Cooling Rolls
- Rubber & Plastics
- Printing & Textile
- Paper Converting
- General Machinery

OPERATING CONDITIONS

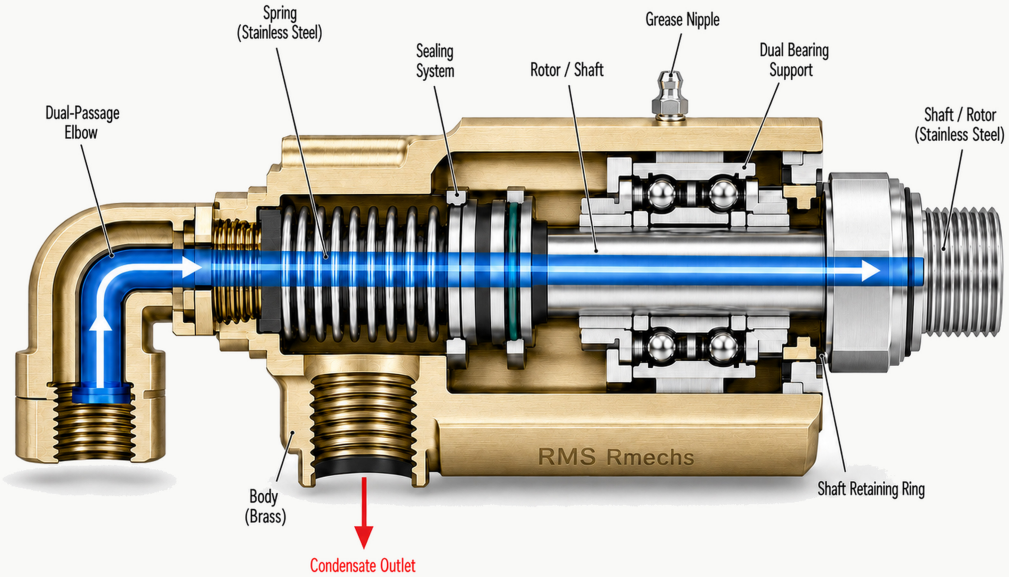
Max. Pressure	**50 bar**
Max. Temp.	**120 °C**
Max. Speed	**3,500 rpm**
Media	**Water**

SEALING SYSTEM

Primary Seal	Carbon
Counterface	SiC
O-Ring	NBR
Spring	Stainless
Seal Design	Balanced

KEY FEATURES

- Brass Housing
- Stainless Rotor
- Dual Ball Bearings
- Machined Components
- Multiple Thread Types



For data security reasons, the internal sealing arrangement is shown for illustrative purposes only.

BEARING SYSTEM

Dual ball bearings for smooth rotation and long service life.

SEAL ARRANGEMENT

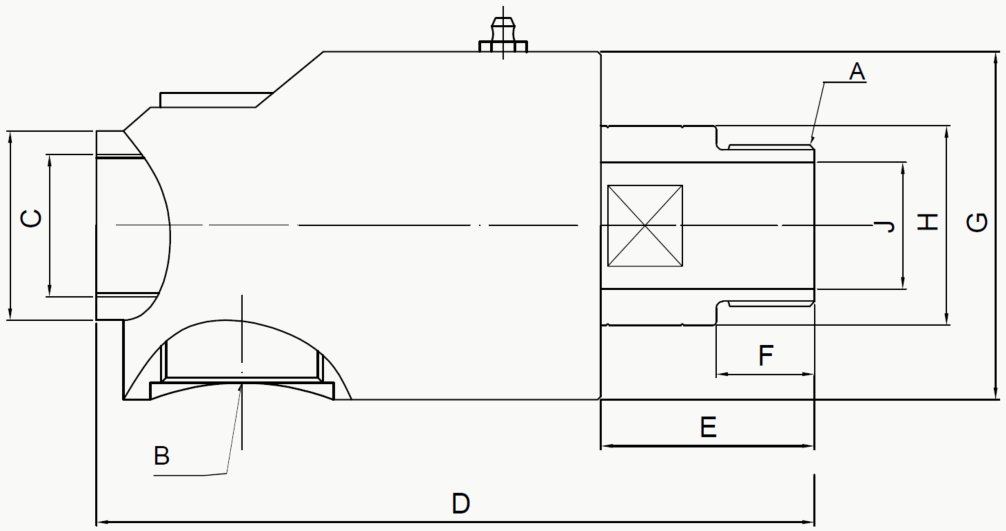
SiC-SiC, Carbon-SiC and Tungsten seal options.

CONNECTION DETAILS

BSPT, BSPP, NPT, Metric and UNF thread options.

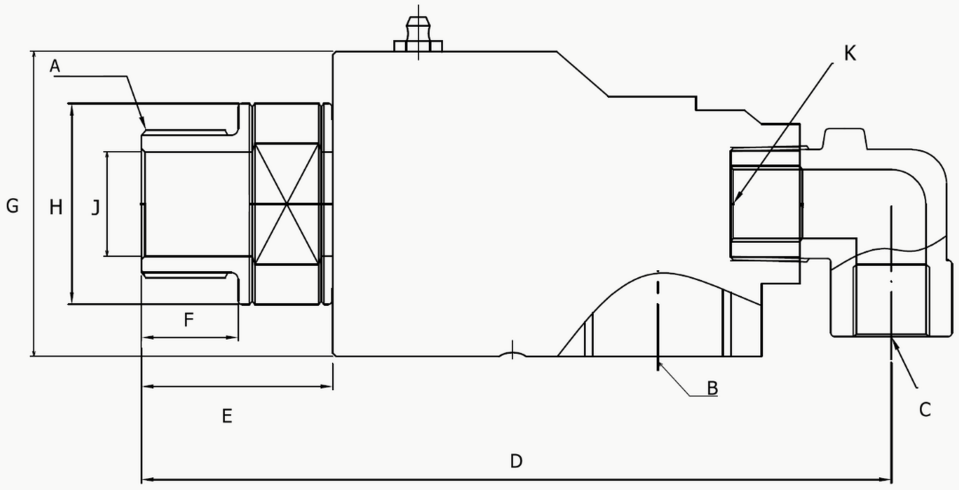
Note:

- Maximum values do not apply simultaneously.
- Verify model selection for the actual application.



Code	T.D.	T.Type	A	B	C	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)	Weight
W7010-111-110	RH	BSPP	3/8"	3/8"	1/4"	100.0	26.5	16.0	44.0	30.5	15.0	0.6
W7010-111-111	LH											
W7010-111-210	RH	BSPT										
W7010-111-211	LH											
W7010-111-310	RH	NPT										
W7010-111-311	LH											
W7015-111-115	RH	BSPP	1/2"	1/2"	1/4"	118.9	22.8	17.5	58.0	34.3	17.5	1.2
W7015-111-116	LH											
W7015-111-215	RH	BSPT										
W7015-111-216	LH											
W7015-111-315	RH	NPT										
W7015-111-316	LH											
W7020-111-120	RH	BSPP	3/4"	3/4"	1/4"	137.7	19.0	19.0	72.0	38.0	20.0	2.1
W7020-111-121	LH											
W7020-111-220	RH	BSPT										
W7020-111-221	LH											
W7020-111-320	RH	NPT										
W7020-111-321	LH											
W7025-111-125	RH	BSPP	1"	1"	3/4"	159.6	34.1	22.8	70.3	46.3	24.2	3.1
W7025-111-126	LH											
W7025-111-225	RH	BSPT										
W7025-111-226	LH											
W7025-111-325	RH	NPT										
W7025-111-326	LH											
W7032-111-132	RH	BSPP	1-1/4"	1-1/4"	1"	190.3	55.3	28.0	68.0	58.0	30.0	4.1
W7032-111-133	LH											
W7032-111-232	RH	BSPT										
W7032-111-233	LH											
W7032-111-332	RH	NPT										
W7032-111-333	LH											
W7040-111-140	RH	BSPP	1 1/2"	1 1/2"	1 1/4"	212.0	63.0	29.0	107.0	59.0	37.5	6.7
W7040-111-141	LH											
W7040-111-240	RH	BSPT										
W7040-111-241	LH											
W7040-111-340	RH	NPT										
W7040-111-341	LH											
W7050-111-150	RH	BSPP	2"	2"	1 1/2"	239.7	71.2	31.4	123.7	68.2	46.9	7.6
W7050-111-151	LH											
W7050-111-250	RH	BSPT										
W7050-111-251	LH											
W7050-111-350	RH	NPT										
W7050-111-351	LH											

- All dimensions are in millimeters.
- Drawing not to scale.



Code	T.D.	T.Type	A	B	C	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)	K (mm)	Weight
W7010-111-110 D	RH	BSPP	3/8″	3/8″	1/4″	100	26.5	16	44	30.5	15	1/4″	0.6
W7010-111-111 D	LH												
W7010-111-210 D	RH	BSPT											
W7010-111-211 D	LH												
W7010-111-310 D	RH	NPT											
W7010-111-311 D	LH												
W7015-111-115 D	RH	BSPP	1/2″	1/2″	1/4″	118.9	22.8	17.5	58	34.3	17.5	1/4″	1.2
W7015-111-116 D	LH												
W7015-111-215 D	RH	BSPT											
W7015-111-216 D	LH												
W7015-111-315 D	RH	NPT											
W7015-111-316 D	LH												
W7020-111-120 D	RH	BSPP	3/4″	3/4″	1/4″	137.7	19	19	72	38	20	1/4″	2.1
W7020-111-121 D	LH												
W7020-111-220 D	RH	BSPT											
W7020-111-221 D	LH												
W7020-111-320 D	RH	NPT											
W7020-111-321 D	LH												
W7025-111-125 D	RH	BSPP	1″	1″	3/4″	159.6	34.1	22.8	70.3	46.3	24.2	3/4″	3.1
W7025-111-126 D	LH												
W7025-111-225 D	RH	BSPT											
W7025-111-226 D	LH												
W7025-111-325 D	RH	NPT											
W7025-111-326 D	LH												
W7032-111-132 D	RH	BSPP	1-1/4″	1-1/4″	1″	190.3	55.3	28	68	58	30	1″	4.1
W7032-111-133 D	LH												
W7032-111-232 D	RH	BSPT											
W7032-111-233 D	LH												
W7032-111-332 D	RH	NPT											
W7032-111-333 D	LH												
W7040-111-140 D	RH	BSPP	1 1/2"	1 1/2"	1 1/4"	212	63	29	107	59	37.5	1 1/4"	6.7
W7040-111-141 D	LH												
W7040-111-240 D	RH	BSPT											
W7040-111-241 D	LH												
W7040-111-340 D	RH	NPT											
W7040-111-341 D	LH												
W7050-111-150 D	RH	BSPP	2″	2″	1 1/2"	239.7	71.2	31.4	123.7	68.2	46.9	1 1/2"	7.6
W7050-111-151 D	LH												
W7050-111-250 D	RH	BSPT											
W7050-111-251 D	LH												
W7050-111-350 D	RH	NPT											
W7050-111-351 D	LH												

• All dimensions are in millimeters. • Drawing not to scale. * Please contact us for models with a rotating siphon pipe connection. * Please contact us for flanged connections or alternative thread-type variations.