

1000 Series Rotary Joints



Operating Condition

- Size Range : 15A~80A (1/2"~3")
- Max. Pressure : 15kg/cm² (210PSI)
- Max. Rotation Speed :
 - 15A~40A (1/2"~1.1/2") : 300RPM
 - 50A~80A (2"~3") : 150RPM
- Max. Temperature : 180°C (360°F)
- Media : Steam, Hot Oil, Water
- * Avoid max. pressure at max. rpm operation

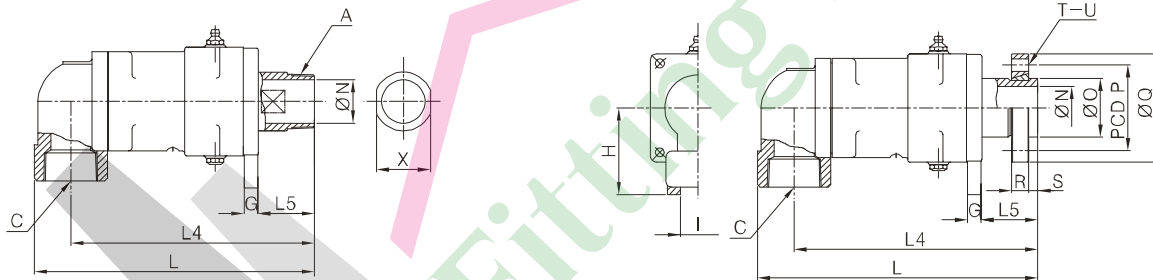
Features

- Low Friction
- High speed operation enabled at High temperature & pressure media
- Bellows in side, enables switching between cooling & heating operation

[SINGLE]

FTKR1011 / FTKR1012

FTKR1015



[unit : mm]

MODEL NO.		A	C	G	H	I	L	L4	L5	L6	N	X	Wt (kg)
PT [RH]	PT [LH]	(PT)	(PT)										
FTKR1011-15A	FTKR1012-15A	1/2"	1/2"	9	55	14	194	179	50	-	12	21	2.4
FTKR1011-20A	FTKR1012-20A	3/4"	3/4"	10	65	20	220	200	50	-	18	26	3.4
FTKR1011-25A	FTKR1012-25A	1"	1"	10	73	20	241	218	59	-	24	32	5.4
FTKR1011-32A	FTKR1012-32A	1-1/4"	1-1/2"	14	95	20	282	249	63	-	30	46	9.7
FTKR1011-40A	FTKR1012-40A	1-1/2"	1-1/2"	14	95	20	282	249	63	-	34	46	9.7
FTKR1011-50A	FTKR1012-50A	2"	2"	14	100	20	322	280	63	-	48	60	12
FTKR1011-65A	FTKR1012-65A	2-1/2"	2-1/2"	18	120	25	366	317	66	-	60	75	22
FTKR1011-80A	FTKR1012-80A	3"	3"	25	230	Ø18	394	339	163	84	73	89	25

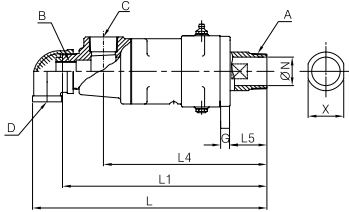
MODEL NO.	C (PT)	G	H	I	L	L4	L5	L6	N	O	P	Q	R	S	T	U	Wt (kg)
FTKR1015-15A	1/2"	9	55	14	184	169	40	-	12	25	45	62	11	8	4	Ø9	2.6
FTKR1015-20A	3/4"	10	65	20	214	194	44	-	18	30	54	74	13	8	4	Ø11	3.8
FTKR1015-25A	1"	10	73	20	233	209	51	-	24	35	60	80	14	9	4	Ø11	5.8
FTKR1015-40A	1-1/2"	14	95	20	272	239	63	-	34	50	75	96	16	9	4	Ø11	10
FTKR1015-50A	2"	14	100	20	306	266	63	-	48	65	95	120	19	10	4	Ø14	14
FTKR1015-65A	2-1/2"	18	120	25	366	317	66	-	60	80	110	136	20	12	4	Ø14	24
FTKR1015-80A	3"	25	230	Ø18	394	340	163	84	73	90	125	154	20	12	6	Ø14	27.7



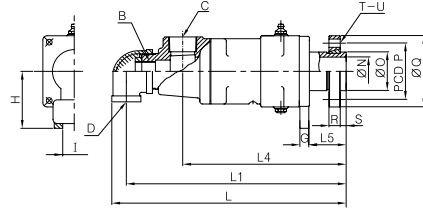
1000 Series Rotary Joints

[DUPLEX | STATIONARY SYPHON]

▼ FTKR1001 / FTKR1002

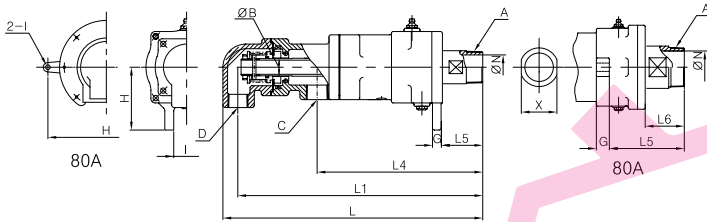


▼ FTKR1005

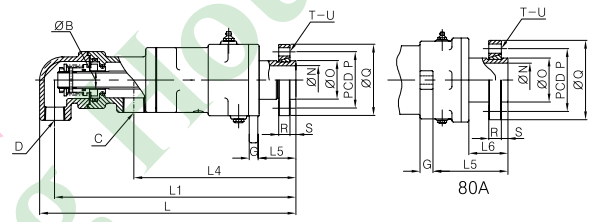


[DUPLEX | ROTARY SYPHON]

▼ FTKR1021 / FTKR1022



▼ FTKR1025



[unit : mm]

MODEL NO.		A	B	C	D	G	H	I	L	L1	L4	L5	L6	N	X	Wt				
PT [RH]	PT [LH]	(PT)	(PF,Ø)	(PT)	(PT)											(kg)				
FTKR1001-15A-6A	FTKR1002-15A-6A	1/2"	1/8"	1/2"	1/2"	9	55	14	241	227	179	50	-	12	21	2.6				
FTKR1001-20A-8A	FTKR1002-20A-8A	3/4"	1/4"	3/4"	3/4"	10	65	20	272	255	195	50	-	18	26	3.7				
FTKR1001-25A-10A	FTKR1002-25A-10A	1"	3/8"	1"	3/4"	10	73	20	311	294	218	59	-	24	32	6.1				
FTKR1021-25A-Ø17.3	FTKR1022-25A-Ø17.3	1"	17.3	1"	3/4"	10	73	20	327	310	218	59	-	24	32	6.3				
FTKR1001-32A-15A	FTKR1002-32A-15A	1-1/4"	1/2"	1"	1"	14	95	20	349	328	250	63	-	30	46	10.7				
FTKR1021-32A-Ø21.7	FTKR1022-32A-Ø21.7	1-1/4"	21.7	1"	1"	14	95	20	392	368	250	63	-	30	46	12				
FTKR1001-40A-20A	FTKR1002-40A-20A	1-1/2"	3/4"	1"	1"	14	95	20	349	328	250	63	-	34	46	10.7				
FTKR1021-40A-Ø27.2	FTKR1022-40A-Ø27.2	1-1/2"	27.2	1"	1"	14	95	20	392	368	250	63	-	34	46	12				
FTKR1001-50A-25A	FTKR1002-50A-25A	2"	1"	1-1/2"	1"	14	100	20	389	368	272	63	-	48	60	13.1				
FTKR1021-50A-Ø34	FTKR1022-50A-Ø34	2"	34	1-1/2"	1"	14	100	20	412	289	272	63	-	48	60	14.8				
FTKR1001-65A-32A	FTKR1002-65A-32A	2-1/2"	1-1/4"	2"	1-1/2"	18	120	25	437	408	302	66	-	60	75	23				
FTKR1021-65A-Ø48.6	FTKR1022-65A-Ø48.6	2-1/2"	48.6	1-1/2"	1-1/2"	18	120	25	465	432	302	66	-	60	75	26.3				
FTKR1001-80A-50A	FTKR1002-80A-50A	3"	2"	2"	2"	25	230	Ø18	515	475	340	163	84	73	89	27				
FTKR1021-80A-Ø60.5	FTKR1022-80A-Ø60.5	3"	60.5	2"	2"	25	230	Ø18	519	488	340	163	84	73	89	28.8				
MODEL NO.	B	C	D	G	H	I	L	L1	L4	L5	L6	N	O	P	Q	R	S	T	U	Wt
FLANGE	(PF,Ø)	(PT)	(PT)																	(kg)
FTKR1005-15A-6A	1/8"	1/2"	1/2"	9	55	14	231	217	169	40	-	12	25	45	62	11	8	4	Ø9	2.8
FTKR1005-20A-8A	1/4"	3/4"	3/4"	10	65	20	264	249	289	44	-	18	30	54	74	13	8	4	Ø11	4.1
FTKR1005-25A-10A	3/8"	1"	3/4"	10	73	20	303	286	209	51	-	24	35	60	80	14	9	4	Ø11	6.4
FTKR1025-25A-Ø17.3	17.3	1"	3/4"	10	73	20	321	304	214	51	-	24	35	60	80	14	9	4	Ø11	6.7
FTKR1005-40A-20A	3/4"	1"	1"	14	95	20	346	327	249	63	-	34	50	75	96	16	9	4	Ø11	10
FTKR1025-40A-Ø27.2	27.2	1"	1"	14	95	20	391	368	250	63	-	34	50	75	96	16	9	4	Ø11	11.3
FTKR1005-50A-25A	1"	1-1/2"	1"	14	100	20	387	366	270	63	-	48	65	95	120	19	10	4	Ø14	14.5
FTKR1025-50A-Ø34	34	1-1/2"	1"	14	100	20	410	387	267	63	-	48	65	95	120	19	10	4	Ø14	16.2
FTKR1005-65A-32A	1-1/4"	2"	1-1/2"	18	120	25	437	408	302	66	-	60	80	110	136	20	12	4	Ø14	24.5
FTKR1025-65A-Ø48.6	48.6	1-1/2"	1-1/2"	18	120	25	460	432	302	66	-	60	80	110	136	20	12	4	Ø14	28.3
FTKR1005-80A-50A	2"	2"	2"	25	230	Ø18	515	475	340	163	84	73	90	125	154	20	12	6	Ø14	29.7
FTKR1025-80A-Ø60.5	60.5	2"	2"	25	230	Ø18	519	488	337	163	84	73	90	125	154	20	12	6	Ø14	31.5