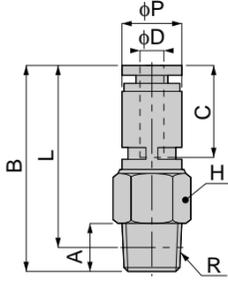


Tube Fitting Series Rotary Joint

RC

Straight



Metric thread type



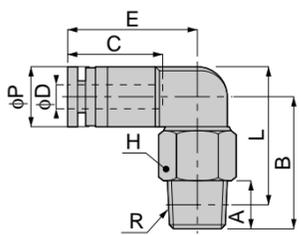
Model	Tube dia. φD	R	A	B	L	φP	C	H	Mass (g)	Allowable Revolutions (r.p.m)	Idling torque under (g-cm)	Orifice (φmm)	Eff. a. (mm ²)	
RC 4-M5	4	M5×0.8	3	33	30	10.5	15	12	12	500	60	1.8	1.9	
RC 4-M6		M6×1	4	34					13			4.2		
RC 4-01		R1/8	8	34.5					14			3.6		
RC 6-M6	6	M6×1	4	37.5	33	13	17	14	18.5	500	120	3	4.5	
RC 6-01		R1/8	8	37					17			9		
RC 6-02		R1/4	11	39					23			4	9	
RC 8-01	8	R1/8	8	46	42	15	18	17	32	400	150	6	20	
RC 8-02		R1/4	11	45					31					38
RC 8-03		R3/8	12	38.5					38					38
RC 10-01	10	R1/8	8	56	52	18	20	22	67.5	300	200	7	35	
RC 10-02		R1/4	11	59					24					84.5
RC 10-03		R3/8	12	56.5					22			65		
RC 10-04		R1/2	15	59					51			81		
RC 12-02	12	R1/4	11	62	55.5	21	23.5	24	93	250	250	7	50	
RC 12-03		R3/8	12	56					95			9.5		
RC 12-04		R1/2	15	54.5					101			9.5		
RC 1/4-01	1/4	R1/8	8	39	35	13	17	14	17	500	120	4	9	
RC 1/4-02		R1/4	11	41					23					
RC 5/16-01	5/16	R1/8	8	46	42	15	18	17	32	400	150	6	20	
RC 5/16-02		R1/4	11	39					31					38
RC 5/16-03		R3/8	12	38.5					38					38
RC 3/8-03	3/8	R3/8	12	56.5	50	18	20	22	65	300	200	8	35	
RC 3/8-04		R1/2	15	59					81					

unit:inch

MODEL	Tube dia. φD	NPT	A	B	L	φ P	C	H	Allowable Revolutions	Idling torque under g-cm	Weight (g)	Orifice φMM	Eff.a. mm ²	Cv
RC 5/32-U10U	5/32	10-32UNF	0.14	1.3	1.16	0.41	0.59	1/2	500	60	13.2	1.8	1.9	0.10
RC 5/32-N1U	5/32	1/8	0.31	1.36	1.2	0.51	0.59	1/2	500	60	14.7	2.5	3.6	0.20
RC 3/16-N1U	3/16	1/8	0.31	1.46	1.3	0.51	0.67	9/16	500	120	17.8	4.0	7.1	0.38
RC 3/16-N2U	3/16	1/4	0.43	1.54	1.3	0.51	0.67	9/16	500	120	22.9	4.0	6.3	0.34
RC 1/4-N1U	1/4	1/8	0.31	1.46	1.3	0.51	0.67	9/16	500	120	18.2	4.0	9.0	0.49
RC 1/4-N2U	1/4	1/4	0.43	1.54	1.3	0.51	0.67	9/16	500	120	23.2	4.0	9.0	0.49
RC 5/16-N1U	5/16	1/8	0.31	1.81	1.65	0.59	0.71	11/16	400	150	33.9	6.0	20.0	1.08
RC 5/16-N2U	5/16	1/4	0.43	1.77	1.54	0.59	0.71	11/16	400	150	32.2	6.0	20.0	1.08
RC 5/16-N3U	5/16	3/8	0.47	1.77	1.52	0.59	0.71	11/16	400	150	39.1	6.0	20.0	1.08
RC 3/8-N3U	3/8	3/8	0.47	2.22	1.97	0.71	0.79	7/8	300	200	70.5	8.0	37.8	2.05
RC 3/8-N4U	3/8	1/2	0.59	2.32	2.01	0.71	0.79	7/8	300	200	85.6	8.0	36.3	1.97
RC 1/2-N3U	1/2	3/8	0.47	2.46	2.2	0.83	0.93	1	250	250	101.0	9.5	50.0	2.71
RC 1/2-N4U	1/2	1/2	0.59	2.46	2.13	0.83	0.93	1	250	250	105.0	9.5	50.0	2.71

RL

Elbow



Metric thread type



Model	Tube dia. φD	R	A	B	L	φP	C	E	H	Mass (g)	Allowable Revolutions (r.p.m)	Idling torque under (g-cm)	Orifice (φmm)	Eff. a. (mm ²)	
RL 4-M5	4	M5×0.8	3	20.5	22.5	10.5	15	20	12	13	500	60	1.8	1.5	
RL 4-M6		M6×1	4	21.5						14			4		
RL 4-01		R1/8	8	22						15			2.9		
RL 6-M6	6	M6×1	4	24.5	27	13	17	23	14	19.5	500	120	3	6.1	
RL 6-01		R1/8	8	24						19			7.5		
RL 6-02		R1/4	11	26						23			4	7.5	
RL 8-01	8	R1/8	8	31.5	35	15	18	26	17	33	400	150	6	16.5	
RL 8-02		R1/4	11	30.5						32					39
RL 8-03		R3/8	12	31.5						39					39
RL 10-01	10	R1/8	8	35	40	18	20	30	22	61	300	200	7	22	
RL 10-02		R1/4	11	38						24					77.5
RL 10-03		R3/8	12	36						22			56		
RL 10-04		R1/2	15	38.5						22			72		
RL 12-02	12	R1/4	11	41	45.5	21.5	23.5	32.5	24	83	250	250	7	42.5	
RL 12-03		R3/8	12	42						84			9.5		
RL 12-04		R1/2	15	44.5						90			9.5		
RL 1/4-01	1/4	R1/8	8	24	26.5	13	17	23	14	19	500	120	4	7.5	
RL 1/4-02		R1/4	11	26						23					
RL 5/16-01	5/16	R1/8	8	31.5	35	15	18	26	17	33	400	150	6	16.5	
RL 5/16-02		R1/4	11	30.5						32					39
RL 5/16-03		R3/8	12	31.5						39					39
RL 3/8-03	3/8	R3/8	12	36	38.5	18	20	30	22	56	300	200	8	30	
RL 3/8-04		R1/2	15	38.5						72					

unit:inch

MODEL	Tube dia. φ D	NPT	A	B	L	φ P	C	E	H	Allowable Revolutions	Idling torque under g-cm	Weight (g)	Orifice φ MM	Eff.a. mm ²	Cv
RL 5/32-U10U	5/32	10-32UNF	0.14	0.81	0.67	0.41	0.59	0.79	1/2	500	60	13.8	1.8	1.5	0.08
RL 5/32-N1U	5/32	1/8	0.31	0.87	0.71	0.41	0.59	0.79	1/2	500	60	15.3	2.5	2.9	0.16
RL 3/16-N1U	3/16	1/8	0.31	0.94	0.79	0.51	0.67	0.91	9/16	500	120	18.9	4.0	5.8	0.31
RL 3/16-N2U	3/16	1/4	0.43	1.02	0.79	0.51	0.67	0.91	9/16	500	120	23.9	4.0	6.3	0.34
RL 1/4-N1U	1/4	1/8	0.31	0.94	0.79	0.51	0.67	0.91	9/16	500	120	18.5	4.0	7.5	0.41
RL 1/4-N2U	1/4	1/4	0.43	1.02	0.79	0.51	0.67	0.91	9/16	500	120	23.6	4.0	7.5	0.41
RL 5/16-N1U	5/16	1/8	0.31	1.24	1.08	0.59	0.71	1.02	11/16	400	150	35.3	6.0	16.5	0.89
RL 5/16-N2U	5/16	1/4	0.43	1.2	0.96	0.59	0.71	1.02	11/16	400	150	33.4	6.0	16.5	0.89
RL 5/16-N3U	5/16	3/8	0.47	1.2	0.94	0.59	0.71	1.02	11/16	400	150	40.4	6.0	16.5	0.89
RL 3/8-N3U	3/8	3/8	0.47	1.42	1.16	0.71	0.79	1.18	7/8	300	200	63.3	8.0	27.2	1.47
RL 3/8-N4U	3/8	1/2	0.59	1.52	1.2	0.71	0.79	1.18	7/8	300	200	78.6	8.0	26.9	1.46
RL 1/2-N3U	1/2	3/8	0.47	1.65	1.4	0.85	0.93	1.3	1	250	250	91.6	9.5	42.5	2.30
RL 1/2-N4U	1/2	1/2	0.59	1.65	1.34	0.85	0.93	1.3	1	250	250	95.6	9.5	42.5	2.30