

Correntes de Passo Longo

Double Pitch Chain has the same basic construction as standard roller chain, but chain pitch is twice as long, and the chain has flat-shaped link plates. This series is regulated by ISO 1275-A, ASME B29.100, and JIS B 1803.

Features:

1. Accurate tolerances for overall length.
2. Both R rollers and S rollers are available and can be selected to match the application.

Base Chain

S Roller Offset Link **R Roller** Offset Link

• Connecting links: RF2040 to RF2060 use spring clips. RF2080 and larger as well as chains with GNK1 attachments (all sizes) use cotter pins. Base chain pins are riveted.

Attachments

A1 Attachment **A2 Attachment** **EP Attachment** **GNK1 Attachment**

R roller type not available.

• Actual dimension P' may differ from P . Please contact a Tsubakimoto representative for details.

K1 Attachment **K2 Attachment** **SA1 Attachment**

SA2 Attachment **SK1 Attachment** **SK2 Attachment**

• Pins other than those on connecting links are riveted regardless of whether attachments are present.
 • Attachments shown are S roller type. However, the dimensions for attachments are the same when R rollers are used.
 Also, the drawings show attachments added on every link.

Note: RS sprockets can be used with S rollers if the sprocket has more than 30 teeth.
 A Double Pitch chain sprocket will be needed if the sprocket has fewer than 30 teeth.
 Please refer to separate Tsubaki Drive Chain catalog for more information on RS sprockets.



Standard
Small Size Conveyor Chain

Special
Small Size Conveyor Chain

Lube Free
Small Size Conveyor Chain

Corrosion Resistant
Small Size Conveyor Chain

Plus α
Small Size Conveyor Chain

High Precision
Conveyor Chain

Engineering Manual

■ Base Chain Dimensions

Tsubaki Chain No.	Roller Type	Pitch P	Roller Dia.		Width Between Inner Link Plates W	Pin			Offset Pin Length L	Plate		Approx. Mass kg/m		No. of Links per Unit
			S Roller R1	R Roller R2		Dia. D	L1	L2		Thickness T	Width H	Steel		
												S Roller	R Roller	
RF2040	S · R	25.40	7.92	15.88	7.95	3.97	8.25	9.95	18.2	1.5	12.0	0.51	0.87	120
RF2050		31.75	10.16	19.05	9.53	5.09	10.30	12.0	22.6	2.0	15.0	0.84	1.30	96
RF2060		38.10	11.91	22.23	12.70	5.96	14.55	16.55	31.5	3.2	17.2	1.51	2.19	80
RF2080		50.80	15.88	28.58	15.88	7.94	18.30	20.90	39.9	4.0	23.0	2.41	3.52	60
RF2100		63.50	19.05	39.69	19.05	9.54	21.80	24.50	47.5	4.8	28.6	3.54	5.80	48
RF2120		76.20	22.23	44.45	25.40	11.11	26.95	30.55	59.0	5.6	34.4	5.08	8.13	40
RF2160		101.60	28.58	57.15	31.75	14.29	33.95	38.45	74.1	7.15	48.2	8.96	13.70	30

Chain strength: Please see pages 91 and 92.

■ Attachment Dimensions

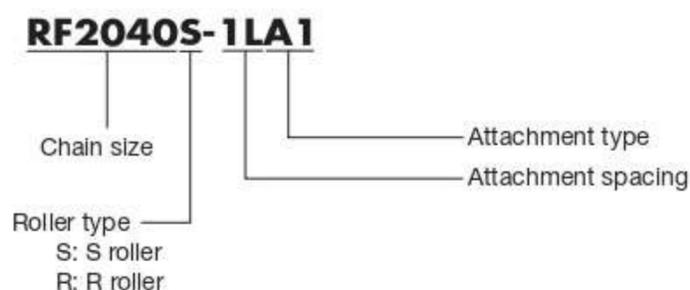
Tsubaki Chain No.	Roller Type	Pitch P'	C	C1	C2	K	N	O	O1	S
RF2040	S · R	Contact a Tsubakimoto representative for details.	12.7	11.1	13.6	9.5	19.1	3.6	5.2	9.1
RF2050			15.9	14.3	15.9	11.9	23.8	5.2	6.8	11.1
RF2060			21.45	17.5	19.1	14.3	28.6	5.2	8.7	14.7
RF2080			27.8	22.2	25.4	19.1	38.1	6.8	10.3	19.1
RF2100			33.35	28.6	31.8	23.8	47.6	8.7	14.3	23.4
RF2120			39.7	33.3	37.3	28.6	57.2	14	16	27.8
RF2160			52.4	44.5	50.8	38.1	76.2	18	22	36.5

Tsubaki Chain No.	X	X2	XS	D	L3	L4	G	Additional Weight per Attachment kg		
								A, SA	K, SK	EP
RF2040	19.3	17.6	19.8	3.97	9.5	16.75	4.1	0.003	0.006	0.001
RF2050	24.2	22.0	24.6	5.09	11.9	21.0	5.1	0.006	0.012	0.002
RF2060	31.5	28.2	30.6	5.96	14.3	27.45	6.1	0.017	0.034	0.003
RF2080	40.7	36.6	40.5	7.94	19.1	35.5	8.1	0.032	0.064	0.007
RF2100	49.9	44.9	50.4	9.54	23.8	43.4	10.1	0.060	0.120	0.012
RF2120	60.7	54.4	59.9	—	—	—	—	0.100	0.200	—
RF2160	77.8	70.0	78.6	—	—	—	—	0.203	0.400	—

■ Operating Temperature Range: -10°C to 150°C

Use a lubricant suited to the operating temperature. (See page 101, table 14.)

Chain Numbering



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