

Double Pitch® Chains



Current chain number

RF2060 R - LMC - NP - 1L A2, pre-stretched

Chain size

Roller type

Series

Attachment spacing

Attachment type

Quantity	Formation
100L	50L × 2H

New chain number

RF2060 R - LMCNP - 1L A2 + 50L- JR - P

①

②

③

④

⑤

⑥

⑦

⑧

Quantity
2H

*H = pc.

①	Chain size	RF2040–RF2160
②	Roller type	S: S roller, R: R roller, RP: RP roller (plastic roller), etc.
③	Series	Refer to page 20.
④	Attachment spacing	This indicates the spacing between the attachments.
⑤	Attachment type	This indicates the type of attachment. * If the attachment spacing is an even number, the attachment type will be as follows: Installed to the outer link: A2, Installed to the inner link: A2RL
⑥	Number of links	This indicates the number of links per piece. The chain is supplied in the standard length unit.
⑦	End link	Refer to page 20.
⑧	Option	Refer to page 20.

RS® Attachment Chains



Drive Chains

Small Size Conveyor Chains

Large Size Conveyor Chains

Sprockets/Pulleys

Cableways

Top Chains

Timing Belts

Current chain number

RS60 - LMC - NP - 1L A1 , pre-stretched

Quantity	Formation
200L	100L × 2H

Chain size

Series

Attachment spacing

Attachment type

New chain number

RS60 - LMCNP - 1L A1 + 100L - JR - P

①

②

③

④

⑤

⑥

⑦

Quantity
2H

*H = pc.

①	Chain size	RS40–RS160
②	Series	Refer to page 20.
③	Attachment spacing	This indicates the spacing between the attachments.
④	Attachment type	This indicates the type of attachment. * If the attachment spacing is an even number, the attachment type will be as follows: Installed to the outer link: A1, Installed to the inner link: A1RL
⑤	Number of links	This indicates the number of links per piece.
⑥	End link	Refer to page 20.
⑦	Option	Refer to page 20.

Double Pitch Chains with Outboard Rollers



Current chain number

RF2060 R - LMC - NP - 1L SR - H

Chain
size

Roller
type

Series

Attachment
spacing

Type of
outboard
roller

Installation
type of
outboard
roller

Quantity	Formation
300L	150L × 2H

New chain number

RF2060 R - LMCNP - 1L SRL - H + 150L - JR - T

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

Quantity
2H

*H = pc

①	Chain size	RF2040–RF2100
②	Roller type	S: S roller, R: R roller, RP: RP roller (plastic roller)
③	Series	Refer to page 20.
④	Attachment spacing	This indicates the spacing between the attachments.
⑤	Type of outboard roller	This indicates the type of outboard roller. * If the roller type is "R" or "RP," "L" is added to the end as the outboard rollers have different diameters.
⑥	Installation type of outboard roller	This indicates the installation type of the outboard rollers. T: Staggered, H: Crosswise
⑦	Number of links	This indicates the number of links per piece. The chain is supplied in the standard length unit. The formation of chains that exceeds this length is divided into the standard length and fractional part.
⑧	End link	Refer to page 20.
⑨	Option	Refer to page 20.

RS® Chains with Outboard Rollers



Current chain number

RS60 - LMC - NP - 2L SR - H, one long length

Quantity	Formation
400L	200L × 2H

Chain size Series Attachment spacing Type of outboard roller Installation type of outboard roller

New chain number

RS60 - LMCNP - 2L SR - H + 200L - JR - T

Quantity
2H

*H = pc.

①	Chain size	RS40–RS100
②	Series	Refer to page 20.
③	Attachment spacing	This indicates the spacing between the attachments.
④	Type of outboard roller	This indicates the type of outboard roller.
⑤	Installation type of outboard roller	This indicates the installation type of the outboard rollers. T: Staggered, H: Crosswise
⑥	Number of links	This indicates the number of links per piece. The chain is supplied in the standard length unit. The formation of chains that exceeds this length is divided into the standard length and fractional part.
⑦	End link	Refer to page 20.
⑧	Option	Refer to page 20.

Double Pitch Chains with Top Rollers



Current chain number

RF2060 R - LMC - NP - 2L TR, one long length

Chain
size

Roller
type

Series

Attachment
spacing

Type of top
roller

Quantity	Formation
300L	150L × 2H

New chain number

RF2060 R - LMCNP - 2L TRRL + 150L - JR - T

①

②

③

④

⑤

⑥

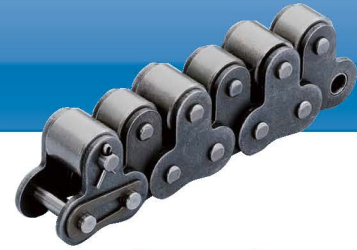
⑦

⑧

Quantity
2H
*H = pc.

①	Chain size	RF2040–RF2100
②	Roller type	S: S roller, R: R roller, RP: RP roller (plastic roller)
③	Series	Refer to page 20.
④	Attachment spacing	This indicates the spacing between the attachments.
⑤	Type of top roller	This indicates the type of top roller. * If the attachment spacing is an even number, the attachment type will be as follows: Installed to the outer link: TR, Installed to the inner link: TRRL
⑥	Number of links	This indicates the number of links per piece. The chain is supplied in the standard length unit. The formation of chains that exceeds this length is divided into the standard length and fractional part.
⑦	End link	Refer to page 20.
⑧	Option	Refer to page 20.

RS® Chains with Top Rollers



Current chain number

RS60 - LMC - NP - 1L TR, one long length

Size

Series

Attachment
spacingType of top
roller

Quantity	Formation
400L	200L × 2H

New chain number

Quantity
2H
*H = pc.

RS60 - LMCNP - 1L TRS + 200L - JR - T

①

②

③

④

⑤

⑥

⑦

①	Chain size	RS40–RS100
②	Series	Refer to page 20.
③	Attachment spacing	This indicates the spacing between the attachments.
④	Type of top roller	This indicates the type of top roller. *1 If the attachment spacing is "1L," "S" is added to the end as the top rollers have different diameters. *2 If the attachment spacing is an even number, the attachment type will be as follows: Installed to the outer link: TR, Installed to the inner link: TRRL
⑤	Number of links	This indicates the number of links per piece. The chain is supplied in the standard length unit. The formation of chains that exceeds this length is divided into the standard length and fractional part.
⑥	End link	Refer to page 20.
⑦	Option	Refer to page 20.

Double Plus Chains, Center Roller Chains



Current chain number

RF2060 VRPA - LMC - SC, one long length

Quantity	Formation
200L	100L × 2H

Chain size Roller type Series

New chain number

RF2060 VRPA - LMCSC + 100L - JR

Quantity
2H

*H = pc.

①	Chain size	RF2030–RF2080
②	Roller type	VRPA: Double Plus Chain Standard Roller CR: Center Roller Chain
③	Series	Refer to page 20.
④	Number of links	This indicates the number of links per piece. The chain is supplied in the standard length unit. The formation of chains that exceeds this length is divided into the standard length and fractional part.
⑤	End link	Refer to page 20.

Drive Chains

Small Size Conveyor Chains

Large Size Conveyor Chains

Sprockets/Pulleys

Cableways

Top Chains

Timing Belts

Small Size Conveyor Chains Description

Description of series

The hyphen is removed in the new chain number as shown in the table below. (series to be changed are shown in red)

Current series	New series	Current series	New series	Current series	New series
LMC-NP	LMCNP	LMC-KF	LMCKF	LMC-KF-NP	LMCKFNP
LMC-HP	LMCHP	HP-SS	HPSS	NB-SS	NBSS

Description of end link

Select the specifications for both ends of the specified chain from the table below. The meaning of each end link is as follows:

J: Connecting link, R: Inner link, O: Offset link, K: Assembled

A side



B side

Number of links	End link	A side	B side	End link	A side	B side
Even number	JR			JKR		
Odd number	RR			JJ		
	JO			JKJK		
	JOK			JKOK		

Description of option

Option	Name	Description
T	Long length formation	As a general rule, the formation of a chain is divided into the standard length and fractional part if the number of specified links exceeds the standard length. If the formation that connects these two parts into one chain is required, specify the long length formation. * This option is not available for Double Plus Chains and Center Roller Chains.
P	Pre-stretched	This reduces the initial elongation of chains that occurs during the initial chain operation.
H	Mirror image	A set of chains used in parallel is manufactured so that the attachments are symmetrically mounted. When specifying the mirror image option, order an even number of chains. *1: This option is not available for chains without attachments such as Double Pitch Chains (without attachments) and Double Plus Chains. *2: EP attachment is excluded from this option.
2 3 4	Matched and tagged chain	The lengths of small size conveyor chains vary within the range of tolerance. "Matched and tagged formation" is performed to reduce the relative difference in the overall lengths of one set of chains used in parallel. 2: Matched and tagged chain in 2 strands. Order by the number in multiples of 2. 3: Matched and tagged chain in 3 strands. Order by the number in multiples of 3. 4: Matched and tagged chain in 4 strands. Order by the number in multiples of 4.

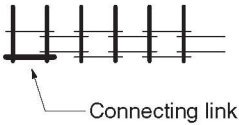
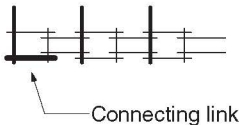
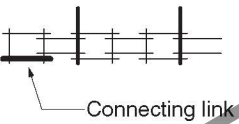
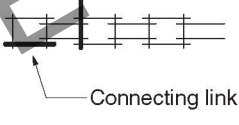
Changes for Small Size Conveyor Chains

EP attachment and chains with outboard rollers

The starting positions of EP attachment and outboard rollers and the chain numbers for connecting links are changed. The changes are as shown in the table below.

The diagrams show the formations of chains with EP attachment, but the same formations apply to the starting positions of outboard rollers for chains with outboard rollers.

■ Changes to the starting positions of EP attachment and outboard rollers

Attachment spacing	Current	New
1L		
2L		
3L		
4L or more		

* If the previous starting position of EP attachment or outboard rollers is required, please submit RFQ.

■ Connecting link

Model	Attachment spacing	Double Pitch			RS		
		Chain No.	Connecting link chain No.		Chain No.	Connecting link chain No.	
			Current	New		Current	New
With EP attachment	1L	RF2060S-1LEP+ OOL-JR	RF2060-E2-JL	RF2060-1LEP-JL	RS80-1LEP+ OOL-JR	RS80-E2-JL	RS80-1LEP-JL
	2L	RF2060S-2LEP+ OOL-JR	RF2060-E1-JL	RF2060-2LEP-JL	RS80-2LEP+ OOL-JR	RS80-E1-JL	RS80-2LEP-JL
	3L	RF2060S-3LEP+ OOL-JR	RF2060-JL	RF2060-3LEP-JL	RS80-3LEP+ OOL-JR	RS80-PJL	RS80-3LEP-JL
	4L	RF2060S-4LEP+ OOL-JR	RF2060-JL		RS80-4LEP+ OOL-JR	RS80-PJL	
With outboard rollers	1L	RF2060S-1LSR-H+ OOL-JR	RF2060S-1LSR-H-JL	RF2060-1LSR-H-JL	RS80-1LSR-H+ OOL-JR	RS80S-1LSR-H-JL	RS80-1LSR-H-JL
	2L	RF2060S-2LSR-H+ OOL-JR	RF2060S-2LSR-H-JL	RF2060-2LSR-H-JL	RS80-2LSR-H+ OOL-JR	RS80S-2LSR-H-JL	RS80-2LSR-H-JL
	3L	RF2060S-3LSR-H+ OOL-JR	RF2060S-3LSR-H-JL	RF2060-3LSR-H-JL	RS80-3LSR-H+ OOL-JR	RS80S-3LSR-H-JL	RS80-3LSR-H-JL
	4L	RF2060S-4LSR-H+ OOL-JR	RF2060-JL		RS80-4LSR-H+ OOL-JR	-	RS80-SRJL

* Connecting links with attachment spacing of 3L are different between current one and new one because the starting positions of the attachments and outboard rollers have been changed as mentioned above.

Units

The unit for ordering roller chains are as follows.

- "U" is for stock items.
- "H" is for non-stock items.
- "L" is discontinued.
- "K" is for piece.

Current	New	Notes
U	U	Stock items
	H	Non-stock items
L	H	
K	K	