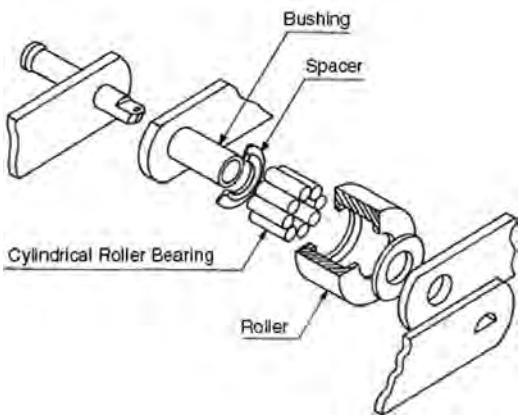
Bearing Roller Conveyor Chain is a general purpose high performance chain used for large conveyance. In this large conveyor chain, cylindrical roller bearings are installed between the bushing and roller of the RF Conveyor Chain. Applications can be found in automotive, steel, electrical, and other industries. Tsubaki's unique Bearing Roller Conveyor Chain integrates cylindrical roller bearings inside its chain rollers, reducing friction to one third of conventially constructed conveyor chain.



RF Bearing Roller Conveyor Chain has the following features:

(1) ***Lower coefficient of rolling friction***. The coefficient of rolling friction for RF Bearing Roller Conveyor Chain is one-third to one-sixth that for RF Conveyor Chain.
Basic RF Conveyor Chain: without lubrication, 0.13 to 0.18; with lubrication, 0.08 to 0.12.
RF Bearing Roller Conveyor Chain: 0.03.
This means the chain tension is reduced, and, frequently, a smaller chain size can be used. The conveyor will also require less energy to operate, making it more economical.

(2) ***The initial cost of equipment is reduced***. Because the coefficient of rolling friction is lower, you can use smaller sprockets, motors, reducers, shafts, bearings, and frames.

(3) ***The allowable load of the roller is increased***. The allowable roller load for RF12000-R Bearing Roller Conveyor Chain is about 1,880 lbs. which is 1.6 to 3.3 times greater than the equivalent size of a basic type with lubrication (560 lbs. for nonheat-treated roller; 940 lbs. for heat-treated roller). Capacity of the roller for RF12000-R Bearing Roller Conveyor Chain is equivalent to RF26200-R Conveyor Chain with heat-treated rollers. This is two sizes larger. In horizontal and slightly inclined conveying, usually the chain size is determined by the allowable load of the roller.
This means that you can select a chain two to three sizes smaller. Rollers are also exposed to high load when they engage with sprockets. Even though this load may be several times greater than the vertical load on rollers during conveying, it is within the capacity range of the bearing rollers.

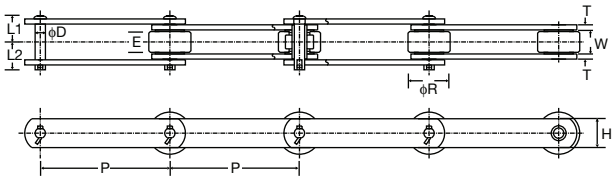
(4) ***Lower maintenance. RF Bearing Roller Conveyor Chain has grease pockets on both its sides***. Although we have received reports that these chains have been operated for five years without any maintenance, we suggest that you lubricate the bearing roller occasionally.

(5) ***Longevity of the bearing roller***. The bearing roller is large in diameter and short in length; reducing the likelihood of foreign particles getting inside.

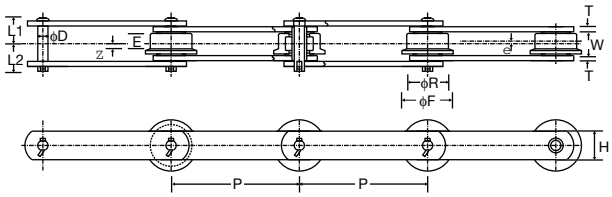
(6) ***"Stick-slip" resistance***. "Stick-slip" is virtually eliminated because of the low coefficient of friction in a wide range of speeds. Contact Tsubaki Technical Support when conveyor speed is less than 0.5m/min.

(7) ***Wide range of chain sizes is available***. Bearing roller conveyor chains are readily available in a wide range of specifications from small pitch up to larger heavy-duty sizes.

BR Type



BF Type



All dimensions are in mm unless otherwise indicated.

Chain Number	Chain Number	Pitch P	"R" Roller		"F" Roller				
			Roller Dia. R	Track Width E	Dia. R	Dia. F	Height E	e	Z
RF03075BR	RF03075BF	75	31.8	14.0	31.8	42	11	1.5	4.3
RF03100BR	RF03100BF	100	31.8	14.0	31.8	42	11	1.5	4.3
RF05100BR	RF05100BF	100	40.0	19.0	40.0	50	14	2.5	4.5
RF05150BR	RF05150BF	150	40.0	19.0	40.0	50	14	2.5	4.5
RF08150BR	RF08150BF	150	44.5	23.0	44.5	55	18	2.5	4.5
RF10100BR	-	100	50.8	26.0	-	-	-	-	-
RF10150BR	RF10150BF	150	50.8	26.0	50.8	65	20	3.0	7.0
RF12200BR	RF12200BF	200	65.0	32.0	65.0	80	24	4.0	8.0
RF12250BR	RF12250BF	250	65.0	32.0	65.0	80	24	4.0	8.0
RF17200BR	RF17200BF	200	80.0	44.0	80.0	100	34	5.0	12.0
RF17250BR	RF17250BF	250	80.0	44.0	80.0	100	34	5.0	12.0
RF17300BR	RF17300BF	300	80.0	44.0	80.0	100	34	5.0	12.0
RF26250BR	RF26250BF	250	100.0	50.0	100.0	125	38	6.0	13.0
RF26300BR	RF26300BF	300	100.0	50.0	100.0	125	38	6.0	13.0
RF26450BR	RF26450BF	450	100.0	50.0	100.0	125	38	6.0	13.0
RF36300BR	RF36300BF	300	125.0	56.0	125.0	150	42	7.0	14.0
RF36450BR	RF36450BF	450	125.0	56.0	125.0	150	42	7.0	14.0
RF36600BR	RF36600BF	600	125.0	56.0	125.0	150	42	7.0	14.0

Chain Number	Chain Number	Width Between Inner Link Plates W	Link Plate		Pin			
			Thickness T	Height H	Dia. D	Length $L_1 + L_2$	Length L_1	Length L_2
RF03075BR	RF03075BF	16.1	3.2	22.0	8.0	38.0	18.0	20.0
RF03100BR	RF03100BF	16.1	3.2	22.0	8.0	38.0	18.0	20.0
RF05100BR	RF05100BF	22.0	4.5	32.0	11.3	53.5	25.0	28.5
RF05150BR	RF05150BF	22.0	4.5	32.0	11.3	53.5	25.0	28.5
RF08150BR	RF08150BF	27.0	6.3	28.6	11.3	65.5	31.0	34.5
RF10100BR	-	30.0	6.3	38.1	11.3	69.0	33.0	36.0
RF10150BR	RF10150BF	30.0	6.3	38.1	11.3	69.0	33.0	36.0
RF12200BR	RF12200BF	37.1	6.3	44.5	15.9	83.5	40.5	43.0
RF12250BR	RF12250BF	37.1	6.3	44.5	15.9	83.5	40.5	43.0
RF17200BR	RF17200BF	51.4	9.5	50.8	19.1	109.5	51.5	58.0
RF17250BR	RF17250BF	51.4	9.5	50.8	19.1	109.5	51.5	58.0
RF17300BR	RF17300BF	51.4	9.5	50.8	19.1	109.5	51.5	58.0
RF26250BR	RF26250BF	57.2	9.5	63.5	22.2	116.5	55.5	61.0
RF26300BR	RF26300BF	57.2	9.5	63.5	22.2	116.5	55.5	61.0
RF26450BR	RF26450BF	57.2	9.5	63.5	22.2	116.5	55.5	61.0
RF36300BR	RF36300BF	66.7	12.7	76.2	25.4	146.0	68.0	78.0
RF36450BR	RF36450BF	66.7	12.7	76.2	25.4	146.0	68.0	78.0
RF36600BR	RF36600BF	66.7	12.7	76.2	25.4	146.0	68.0	78.0

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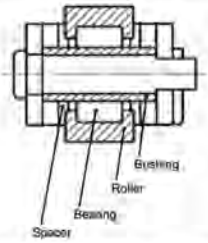
Chain Number	Chain Number	Maximum Allowable Load (DT type) (kgf.)	Maximum Allowable Load (AT type) (kgf.)	Maximum Roller Load "R" Roller (kgf./roller)	Maximum Roller Load "F" Roller (kgf./roller)	"R" Roller Approx. Weight (kg./m)	"F" Roller Approx. Weight (kg./m)
RF03075BR	RF03075BF	420	800	200	130	2.8	2.9
RF03100BR	RF03100BF	420	800	200	130	2.4	2.5
RF05100BR	RF05100BF	1,000	1,500	310	200	5.2	5.4
RF05150BR	RF05150BF	1,000	1,500	310	200	4.5	4.6
RF08150BR	RF08150BF	1,000	1,500	310	200	4.2	4.4
RF10100BR	RF10100BF	1,100	1,500	420	270	5.9	6.2
RF10150BR	RF10150BF	1,100	1,500	420	270	5.6	5.8
RF12200BR	RF12200BF	1,600	2,400	560	350	10.0	-
RF12250BR	RF12250BF	1,600	2,400	560	350	8.7	9.0
RF17200BR	RF17200BF	1,600	2,400	560	350	8.0	8.3
RF17250BR	RF17250BF	2,700	3,700	850	560	11.6	12.1
RF17300BR	RF17300BF	2,700	3,700	850	560	10.4	10.8
RF26250BR	RF26250BF	3,500	5,600	1,440	1,000	20.0	21.0
RF26300BR	RF26300BF	3,500	5,600	1,440	1,000	17.0	18.0
RF26450BR	RF26450BF	3,500	5,600	1,440	1,000	16.0	16.0
RF36300BR	RF36300BF	4,500	7,400	2,000	1,400	26.0	27.0
RF36450BR	RF36450BF	4,500	7,400	2,000	1,400	23.0	24.0
RF36600BR	RF36600BF	6,900	9,900	2,800	1,900	40.0	42.0

		Available Attachments			
Chain Number	Chain Number	A-1 K-1	A-2 K-2	A-2 Welded	G-2
RF03075BR	RF03075BF	R-F	R-F	-	R
RF03100BR	RF03100BF	R-F	R-F	-	R
RF05100BR	RF05100BF	R-F	R-F	-	R
RF05150BR	RF05150BF	R-F	R-F	-	R-F
RF08150BR	RF08150BF	R-F	R-F	-	R-F
RF10100BR	RF10100BF	R-F	R-F	-	-
RF10150BR	RF10150BF	R-F	R-F	-	R-F
RF12200BR	RF12200BF	R	R	-	-
RF12250BR	RF12250BF	R-F	R-F	-	R-F
RF17200BR	RF17200BF	R-F	R-F	-	R-F
RF17250BR	RF17250BF	R-F	R-F	-	R-F
RF17300BR	RF17300BF	R-F	R-F	-	R-F
RF26250BR	RF26250BF	R-F	R-F	-	R-F
RF26300BR	RF26300BF	R-F	R-F	-	R-F
RF26450BR	RF26450BF	-	R-F	-	R-F
RF36300BR	RF36300BF	-	R-F	-	-
RF36450BR	RF36450BF	-	R-F	-	R-F
RF36600BR	RF36600BF	-	-	R-F	-

Note: The attachment dimensions are the same as RF Metric Series Chain.

				BR and BF
Chain Series				Standard Type
Roller Construction				
Roller Material				Roller: Hardened Alloy Steel Cylindrical Roller: Case Hardened Alloy Steel and Plastic Bushing: Case Hardened Alloy Steel Spacer: Plastic
Chain Specification				**SERIES DT** Plate: Carbon Steel Pin: Hardened Alloy Steel **SERIES AT** Plate: Hardened Alloy Steel Pin: Hardened Alloy Steel
Optimum Operating Environment				Normal temperature range. No dust. No water.
Lubrication on Roller				Periodical lubrication required.
Temperature Range				normal range is: -20°C ~ 80°C and up to 150°C available as MTO.
Allowable Roller Load (kgf)	R Type Roller	CHAIN SIZE	RF03	200
			RF05	310
			RF08	420
			RF10	560
			RF12	850
			RF17	1,440
			RF26	2,000
			RF36	2,800
	F Type Roller		RF03	130
			RF05	200
			RF08	270
			RF10	350
			RF12	560
			RF17	1,000
			RF26	1,400
			RF36	1,900
Friction Coeficient Between Roller and Guide Rail				0.03
Maximum Chain Speed (m./min.)	NUMBER OF SPROCKET TEETH		6	15
			8	25
			10	30
			12	30

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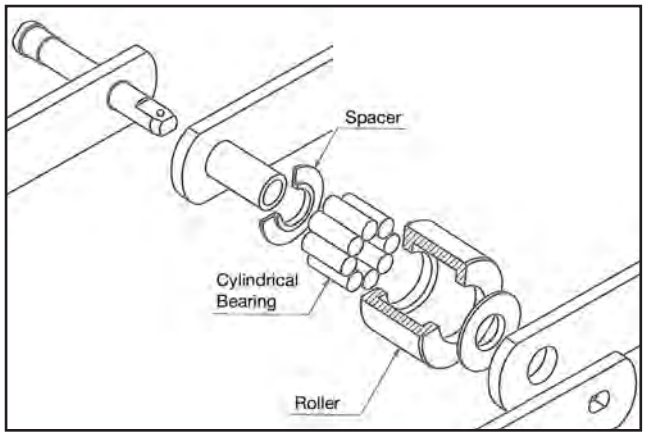
RF Metric Series

Bearing Roller Chain (Lube-Free)

Tsubaki Bearing Roller Conveyor Chain is a general purpose high performance chain used for large conveyance. In this large conveyor chain, cylindrical roller bearings are installed between the bushing and roller of the RF Conveyor Chain. Applications can be found in automotive, steel, electrical, and other industries. To respond to customer needs for longer chain life and reduced maintenance, Tsubaki also offers Bearing Roller Conveyor Chain in a "lube-free" specification.



Tsubaki offers 2 kinds of "lube-free" bearing roller conveyor chain specifications:
EBR/EBF (standard series) and WEBR/WEBF (water resistant).

EBR/EBF

WEBR/WEBF

Basic Series Specification (EBR/EBF):
Identical construction to Standard Bearing Roller Conveyor Chain (non-lube free). Alternating steel and resin cylinder bearings allow lube-free functioning.

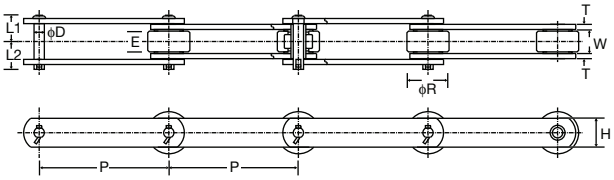
Water Resistant Specification (WEBR/WEBF):
Modified construction/materials of the Standard Bearing Roller Conveyor Chain (non-lube free). Alternating steel and resin cylinder bearings provide lube-free operation in wet conditions.

Selected Applications:

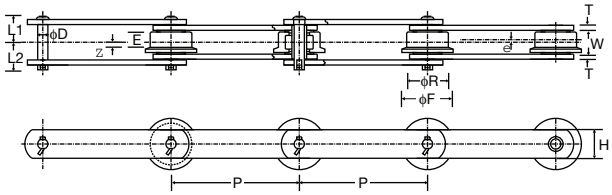
EBR/EBF Lube-free Basic Series
- Automobile assembly lines
- Paper manufacturing and paper related businesses
- Manufacture of building materials
- Electrical and household appliance assembly lines

WEBR/WEBF Lube-free Water Resistant Series
- Automotive shower testing or washing lines
- Food products
- Paper manufacturing and paper related businesses
- For outdoor applications and wet environments

EBR Type



EBF Type



All dimensions are in mm unless otherwise indicated.

Chain Number	Chain Number	Pitch P	"R" Roller		"F" Roller				
			Roller Dia. R	Track Width E	Dia. R	Dia. F	Height E	e	Z
RF03075EBR	RF03075EBF	75	31.8	14.0	31.8	42.0	11.0	1.5	4.3
RF03100EBR	RF03100EBF	100	31.8	14.0	31.8	42.0	11.0	1.5	4.3
RF05100EBR	RF05100EBF	100	40.0	19.0	40.0	50.0	14.0	2.5	4.5
RF05125EBR	RF05125EBF	125	40.0	19.0	40.0	50.0	14.0	2.5	4.5
RF05150EBR	RF05150EBF	150	40.0	19.0	40.0	50.0	14.0	2.5	4.5
RF08125EBR	RF08125EBF	125	44.5	23.0	44.5	55.0	18.0	2.5	6.5
RF08150EBR	RF08150EBF	150	44.5	23.0	44.5	55.0	18.0	2.5	6.5
RF10100EBR	-	100	44.5	23.0	-	-	-	-	-
RF10125EBR	RF10125EBF	125	44.5	23.0	50.8	65.0	20.0	3.0	7.0
RF10150EBR	RF10150EBF	150	44.5	23.0	50.8	65.0	20.0	3.0	7.0
RF12200EBR	RF12200EBF	200	65.0	32.0	65.0	80.0	24.0	4.0	8.0
RF12250EBR	RF12250EBF	250	65.0	32.0	65.0	80.0	24.0	4.0	8.0
RF17200EBR	RF17200EBF	200	80.0	44.0	80.0	100.0	34.0	5.0	12.0
RF17250EBR	RF17250EBF	250	80.0	44.0	80.0	100.0	34.0	5.0	12.0
RF17300EBR	RF17300EBF	300	80.0	44.0	80.0	100.0	34.0	5.0	12.0
RF26250EBR	RF26250EBF	250	100.0	50.0	100.0	125.0	38.0	6.0	13.0
RF26300EBR	RF26300EBF	300	100.0	50.0	100.0	125.0	38.0	6.0	13.0
RF36300EBR	RF36300EBF	300	125.0	56.0	125.0	150.0	42.0	7.0	14.0

Chain Number	Chain Number	Width Between Inner Link Plates W	Link Plate		Pin			
			Thickness T	Height H	Dia. D	Length $L_1 + L_2$	Length L_1	Length L_2
RF03075EBR	RF03075EBF	16.1	3.2	22.0	8.0	38.0	18.0	20.0
RF03100EBR	RF03100EBF	16.1	3.2	22.0	8.0	38.0	18.0	20.0
RF05100EBR	RF05100EBF	22.0	4.5	32.0	11.3	53.5	25.0	28.5
RF05125EBR	RF05125EBF	22.0	4.5	32.0	11.3	53.5	25.0	28.5
RF05150EBR	RF05150EBF	22.0	4.5	32.0	11.3	53.5	25.0	28.5
RF08125EBR	RF08125EBF	27.0	6.3	28.6	11.3	65.5	31.0	34.5
RF08150EBR	RF08150EBF	27.0	6.3	28.6	11.3	65.5	31.0	34.5
RF10100EBR	-	30.0	6.3	38.1	14.5	69.0	33.0	36.0
RF10125EBR	RF10125EBF	30.0	6.3	38.1	14.5	69.0	33.0	36.0
RF10150EBR	RF10150EBF	30.0	6.3	38.1	14.5	69.0	33.0	36.0
RF12200EBR	RF12200EBF	37.1	7.9	44.5	15.9	83.5	40.5	43.0
RF12250EBR	RF12250EBF	37.1	7.9	44.5	15.9	83.5	40.5	43.0
RF17200EBR	RF17200EBF	51.4	9.5	50.8	19.1	109.5	51.5	58.0
RF17250EBR	RF17250EBF	51.4	9.5	50.8	19.1	109.5	51.5	58.0
RF17300EBR	RF17300EBF	51.4	9.5	50.8	19.1	109.5	51.5	58.0
RF26250EBR	RF26250EBF	57.2	9.5	63.5	22.2	116.5	55.5	61.0
RF26300EBR	RF26300EBF	57.2	9.5	63.5	22.2	116.5	55.5	61.0
RF36300EBR	RF36300EBF	66.7	12.7	76.2	25.4	146.0	68.0	78.0

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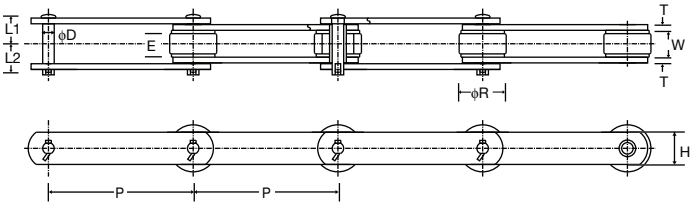
Chain Number	Chain Number	Maximum Allowable Load (DT type) (kgf.)	Maximum Allowable Load (AT type) (kgf.)	Maximum Roller Load "R" Roller (kgf./roller)	Maximum Roller Load "F" Roller (kgf./roller)	"R" Roller Approx. Weight (kg/m)	"F" Roller Approx. Weight (kg./m)
RF03075EBR	RF03075EBF	638	1,232	200	130	2.8	2.9
RF03100EBR	RF03100EBF	638	1,232	200	130	2.4	2.5
RF05100EBR	RF05100EBF	1,540	2,310	310	200	5.2	5.4
RF05125EBR	RF05125EBF	1,540	2,310	310	200	4.5	4.6
RF05150EBR	RF05150EBF	1,540	2,310	310	200	4.2	4.4
RF08125EBR	RF08125EBF	1,694	2,310	420	270	5.9	6.2
RF08150EBR	RF08150EBF	1,694	2,310	420	270	5.6	5.8
RF10100EBR	-	264	3,696	560	350	10.0	-
RF10125EBR	RF10125EBF	264	3,696	560	350	8.7	9.0
RF10150EBR	RF10150EBF	264	3,696	560	350	8.0	8.3
RF12200EBR	RF12200EBF	4,180	5,698	850	560	11.6	12.1
RF12250EBR	RF12250EBF	4,180	5,698	850	560	10.4	10.8
RF17200EBR	RF17200EBF	5,390	8,624	1,440	1,000	20.0	21.0
RF17250EBR	RF17250EBF	5,390	8,624	1,440	1,000	17.0	18.0
RF17300EBR	RF17300EBF	5,390	8,624	1,440	1,000	16.0	16.0
RF26250EBR	RF26250EBF	6,930	11,396	2,000	1,400	26.0	27.0
RF26300EBR	RF26300EBF	6,930	11,396	2,000	1,400	23.0	24.0
RF36300EBR	RF36300EBF	10,626	15,246	2,800	1,900	40.0	42.0

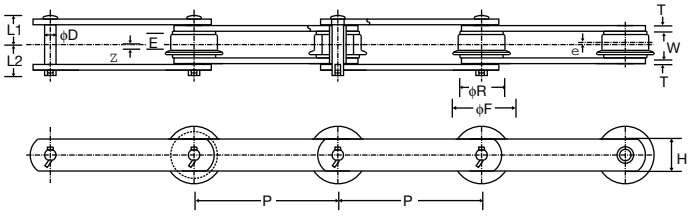
		Available Attachments			
Chain Number	Chain Number	A-1 K-1	A-2 K-2	A-2 Welded	G-2
RF03075EBR	RF03075EBF	R-F	R-F	-	R
RF03100EBR	RF03100EBF	R-F	R-F	-	R
RF05100EBR	RF05100EBF	R-F	R-F	-	R
RF05125EBR	RF05125EBF	R-F	R-F	-	R-F
RF05150EBR	RF05150EBF	R-F	R-F	-	R-F
RF08125EBR	RF08125EBF	R-F	R-F	-	-
RF08150EBR	RF08150EBF	R-F	R-F	-	R-F
RF10100EBR	-	R	R	-	-
RF10125EBR	RF10125EBF	R-F	R-F	-	R-F
RF10150EBR	RF10150EBF	R-F	R-F	-	R-F
RF12200EBR	RF12200EBF	R-F	R-F	-	R-F
RF12250EBR	RF12250EBF	R-F	R-F	-	R-F
RF17200EBR	RF17200EBF	R-F	R-F	-	R-F
RF17250EBR	RF17250EBF	R-F	R-F	-	R-F
RF17300EBR	RF17300EBF	-	R-F	-	R-F
RF26250EBR	RF26250EBF	-	R-F	-	-
RF26300EBR	RF26300EBF	-	R-F	-	R-F
RF36300EBR	RF36300EBF	-	-	R-F	-

Note: The attachment dimensions are the same as RF Metric Series Chain.

WEBR Type



WEBF Type



All dimensions are in mm unless otherwise indicated.

Chain Number	Chain Number	Pitch P	"R" Roller		"F" Roller				
			Roller Dia. R	Track Width E	Dia. R	Dia. F	Height E	e	Z
RF03075WEBR	RF03075WEBF	75	31.8	14.0	31.8	42.0	11.0	1.5	4.3
RF03100WEBR	RF03100WEBF	100	31.8	14.0	31.8	42.0	11.0	1.5	4.3
RF05100WEBR	RF05100WEBF	100	40.0	19.0	40.0	50.0	14.0	2.5	4.5
RF05125WEBR	RF05125WEBF	125	40.0	19.0	40.0	50.0	14.0	2.5	4.5
RF05150WEBR	RF05150WEBF	150	40.0	19.0	40.0	50.0	14.0	2.5	4.5
RF08125WEBR	RF08125WEBF	125	44.5	23.0	44.5	55.0	18.0	2.5	6.5
RF08150WEBR	RF08150WEBF	150	44.5	23.0	44.5	55.0	18.0	2.5	6.5
RF10100WEBR	-	100	44.5	23.0	-	-	-	-	-
RF10125WEBR	RF10125WEBF	125	44.5	23.0	50.8	65.0	20.0	3.0	7.0
RF10150WEBR	RF10150WEBF	150	44.5	23.0	50.8	65.0	20.0	3.0	7.0
RF12200WEBR	RF12200WEBF	200	65.0	32.0	65.0	80.0	24.0	4.0	8.0
RF12250WEBR	RF12250WEBF	250	65.0	32.0	65.0	80.0	24.0	4.0	8.0
RF17200WEBR	RF17200WEBF	200	80.0	44.0	80.0	100.0	34.0	5.0	12.0
RF17250WEBR	RF17250WEBF	250	80.0	44.0	80.0	100.0	34.0	5.0	12.0
RF17300WEBR	RF17300WEBF	300	80.0	44.0	80.0	100.0	34.0	5.0	12.0
RF26250WEBR	RF26250WEBF	250	100.0	50.0	100.0	125.0	38.0	6.0	13.0
RF26300WEBR	RF26300WEBF	300	100.0	50.0	100.0	125.0	38.0	6.0	13.0
RF36300WEBR	RF36300WEBF	300	125.0	56.0	125.0	150.0	42.0	7.0	14.0

Chain Number	Chain Number	Width Between Inner Link Plates W	Link Plate		Pin			
			Thickness T	Height H	Dia. D	Length $L_1 + L_2$	Length L_1	Length L_2
RF03075WEBR	RF03075WEBF	16.1	3.2	22.0	8.0	38.0	18.0	20.0
RF03100WEBR	RF03100WEBF	16.1	3.2	22.0	8.0	38.0	18.0	20.0
RF05100WEBR	RF05100WEBF	22.0	4.5	32.0	11.3	53.5	25.0	28.5
RF05125WEBR	RF05125WEBF	22.0	4.5	32.0	11.3	53.5	25.0	28.5
RF05150WEBR	RF05150WEBF	22.0	4.5	32.0	11.3	53.5	25.0	28.5
RF08125WEBR	RF08125WEBF	27.0	6.3	28.6	11.3	65.5	31.0	34.5
RF08150WEBR	RF08150WEBF	27.0	6.3	28.6	11.3	65.5	31.0	34.5
RF10100WEBR	-	30.0	6.3	38.1	14.5	69.0	33.0	36.0
RF10125WEBR	RF10125WEBF	30.0	6.3	38.1	14.5	69.0	33.0	36.0
RF10150WEBR	RF10150WEBF	30.0	6.3	38.1	14.5	69.0	33.0	36.0
RF12200WEBR	RF12200WEBF	37.1	7.9	44.5	15.9	83.5	40.5	43.0
RF12250WEBR	RF12250WEBF	37.1	7.9	44.5	15.9	83.5	40.5	43.0
RF17200WEBR	RF17200WEBF	51.4	9.5	50.8	19.1	109.5	51.5	58.0
RF17250WEBR	RF17250WEBF	51.4	9.5	50.8	19.1	109.5	51.5	58.0
RF17300WEBR	RF17300WEBF	51.4	9.5	50.8	19.1	109.5	51.5	58.0
RF26250WEBR	RF26250WEBF	57.2	9.5	63.5	22.2	116.5	55.5	61.0
RF26300WEBR	RF26300WEBF	57.2	9.5	63.5	22.2	116.5	55.5	61.0
RF36300WEBR	RF36300WEBF	66.7	12.7	76.2	25.4	146.0	68.0	78.0

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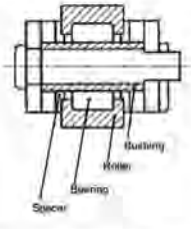
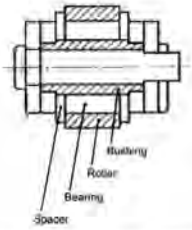
Chain Number	Chain Number	Maximum Allowable Load (kgf.)	Maximum Roller Load "R" Roller (kgf./roller)	Maximum Roller Load "F" Roller (kgf./roller)	"R" Roller Approx. Weight (kg/m)	"F" Roller Approx. Weight (kg./m)
RF03075WEBR	RF03075WEBF	290	140	286	2.8	2.9
RF03100WEBR	RF03100WEBF	290	140	286	2.4	2.5
RF05100WEBR	RF05100WEBF	700	220	440	5.2	5.4
RF05125WEBR	RF05125WEBF	700	220	440	4.5	4.6
RF05150WEBR	RF05150WEBF	700	290	440	4.2	4.4
RF08125WEBR	RF08125WEBF	770	290	594	5.9	6.2
RF08150WEBR	RF08150WEBF	770	390	594	5.6	5.8
RF10100WEBR	-	1,120	390	770	10.0	-
RF10125WEBR	RF10125WEBF	1,120	390	770	8.7	9.0
RF10150WEBR	RF10150WEBF	1,120	600	770	8.0	8.3
RF12200WEBR	RF12200WEBF	1,900	600	1,232	11.6	12.1
RF12250WEBR	RF12250WEBF	1,900	600	1,232	10.4	10.8
RF17200WEBR	RF17200WEBF	2,450	1,010	2,200	20.0	21.0
RF17250WEBR	RF17250WEBF	2,450	1,010	2,200	17.0	18.0
RF17300WEBR	RF17300WEBF	2,450	1,010	2,200	16.0	16.0
RF26250WEBR	RF26250WEBF	3,150	1,400	3,080	26.0	27.0
RF26300WEBR	RF26300WEBF	3,150	1,400	3,080	23.0	24.0
RF36300WEBR	RF36300WEBF	4,830	1,970	4,180	40.0	42.0

		Available Attachments			
Chain Number	Chain Number	A-1 K-1	A-2 K-2	A-2 Welded	G-2
RF03075WEBR	RF03075WEBF	R-F	R-F	-	R
RF03100WEBR	RF03100WEBF	R-F	R-F	-	R
RF05100WEBR	RF05100WEBF	R-F	R-F	-	R
RF05125WEBR	RF05125WEBF	R-F	R-F	-	R-F
RF05150WEBR	RF05150WEBF	R-F	R-F	-	R-F
RF08125WEBR	RF08125WEBF	R-F	R-F	-	-
RF08150WEBR	RF08150WEBF	R-F	R-F	-	R-F
RF10100WEBR	-	R	R	-	-
RF10125WEBR	RF10125WEBF	R-F	R-F	-	R-F
RF10150WEBR	RF10150WEBF	R-F	R-F	-	R-F
RF12200WEBR	RF12200WEBF	R-F	R-F	-	R-F
RF12250WEBR	RF12250WEBF	R-F	R-F	-	R-F
RF17200WEBR	RF17200WEBF	R-F	R-F	-	R-F
RF17250WEBR	RF17250WEBF	R-F	R-F	-	R-F
RF17300WEBR	RF17300WEBF	-	R-F	-	R-F
RF26250WEBR	RF26250WEBF	-	R-F	-	
RF26300WEBR	RF26300WEBF	-	R-F	-	R-F
RF36300WEBR	RF36300WEBF	-		R-F	-

Note: The attachment dimensions are the same as RF Metric Series Chain.

				EBR EBF	WEBR WEBF
Chain Series				Lube Free Basic Type	Lube Free Water Resistant Type
Roller Construction					
Roller Material				Roller: Hardened Alloy Steel Cylindrical Roller: Case Hardened Alloy Steel and Plastic Bushing: Case Hardened Alloy Steel Spacer: Plastic	Roller: Stainless Steel 400 series Cylindrical Roller: Stainless Steel 400 series and Plastic Bushing: Stainless Steel 400 series Spacer: Plastic
Chain Specification				**SERIES DT** Plate: Carbon Steel Pin: Hardened Alloy Steel **SERIES AT** Plate: Hardened Alloy Steel Pin: Hardened Alloy Steel	Plate: Carbon Steel Pin: Stainless Steel 400 series
Optimum Operating Environment				Normal temperature range. No dust. No water.	Normal temperature range. Can be exposed to water.
Lubrication on Roller				No need for additional lubrication. Roller already pre-greased.	No need for additional lubrication. Roller already pre-greased.
Temperature Range				-20°C ~ 50°C	0°C ~ 50°C
Allowable Roller Load (kgf)	R Type Roller	CHAIN SIZE	RF03	200	140
			RF05	310	220
			RF08	420	290
			RF10	560	390
			RF12	850	600
			RF17	1,440	1,010
			RF26	2,000	1,400
			RF36	2,800	1,970
	F Type Roller		RF03	130	90
			RF05	200	140
			RF08	270	190
			RF10	350	240
			RF12	560	390
			RF17	1,000	700
			RF26	1,400	980
			RF36	1,900	1,330
Friction Coeficient Between Roller and Guide Rail				0.03	0.03
Maximum Chain Speed (m./min.)	NUMBER OF SPROCKET TEETH		8	15	15
			10	20	20
			12	25	25

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