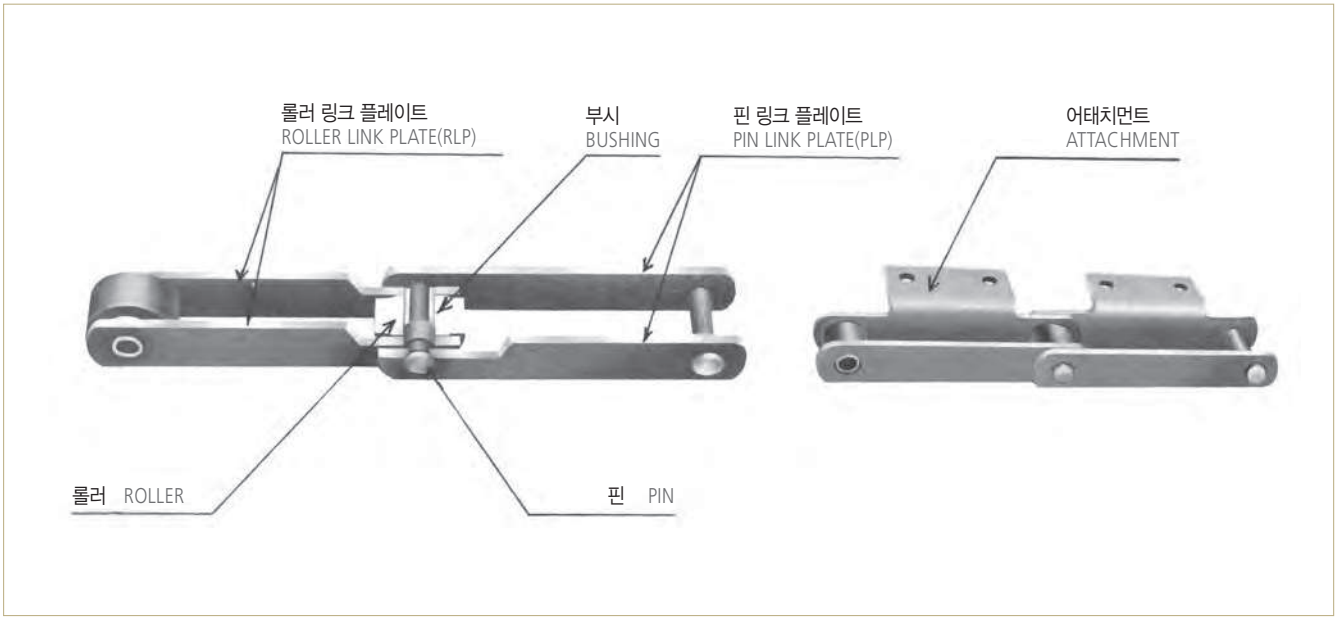
대단위 생산공장에서 고성능과 고능률의 생산성을 위하여 없어서는 안될 컨베이어에 사용되는 컨베이어 체인은 제품자체가 사용조건 및 분위기에 적합한 것을 필요로 합니다.

당사에서는 표준형 전동용 롤러 체인 및 농기구, 자동차, 오토바이용 등 각종 소형 체인 분야에서 국내 톱 메이커로 많은 실적과 경험을 쌓아가고 있습니다. 이를 바탕으로 각종 컨베이어 체인을 제작하여 그 질과 수명에 있어서 국제적으로 인정을 받게 되었습니다.

Conveyor chain that is widely applied to mass production conveying line with high efficiency and performance is surely required and selected in considering utilization condition and circumstance.

We are supplying various kinds of qualified conveyor chain in accordance with customer's requirements with our advanced design, technique, carefully selected materials. We are getting the best reputation from the customers for the quality and durability and are contributing to the development to the field of conveyor industry continuously with our long experience and highly advance design and technique.

1. 컨베이어 체인의 구조 THE STRUCTURE OF CONVEYOR CHAIN



1) 핀 : 링크플레이트를 연결하므로 체인장력에 의거 전단력을 받으며 체인이 굴곡할 때는 부시와 함께 베어링 작용을 하므로 강도, 인성, 내마모성이 요구됩니다. 핀 한쪽에는 T–핀이 있어 핀을 고정합니다.

2) 부시 : 핀과 롤러 사이에 있으며 베어링 작용으로 하므로 내마모성이 가장 요구됩니다.

3) 롤러 : 스프라켓과 치합할 때는 충격을 완화시키고 체인의 작동을 원활하게 해 줍니다.

4) 링크 플레이트 : 체인 장력을 받는 부분입니다. 핀과 부시 구멍은 두 개를 프레스로 동시에 가공하므로 피치의 오차가 없습니다.

5) T–핀 : 분해가 용이한 T–핀을 전체 링크에 사용하고 있어 어떠한 링크 플레이트도 분해가 가능합니다.

6) 어태치먼트 : 부착물을 고정할 수 있는 부품입니다.

1) PIN
- connecting link plates and shearing force is loaded
- Roles of bearing with bushing
- Required strength, tenacity and anti-abrasion
- T-Pin on 1 side is assembled to fix PIN

2) BUSHING
- Located between pin and roller
- Anti-abrasion is required due to roles of bearing

3) ROLLER
- smooth chain operation
- reducing shock when the chain is in gear

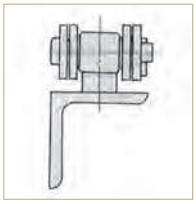
4) LINK PLATE
Chain tensile strength is loaded. There is no tolerance as processing holes of pin and bushing together

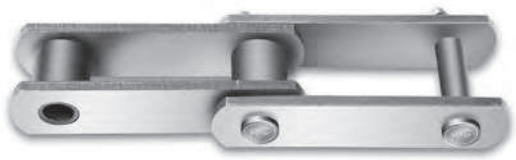
5) T-PIN
- Disassembly T-Pin is applied to all link for easy disassembly
- All link plates can be disassembled easily

6) ATTACHMENT
Parts for fixing attachment object

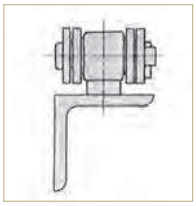
2. 롤러 형식 ROLLER TYPE

S-롤러 S-ROLLER

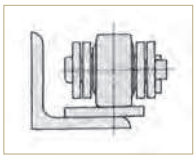




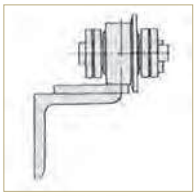
M-롤러 M-ROLLER



R-롤러 R-ROLLER



F-롤러 F-ROLLER



3. 표준 어태치먼트 형식 STANDARD ATTACHMENT TYPE

A 어태치먼트 A ATTACHMENT

K 어태치먼트 K ATTACHMENT

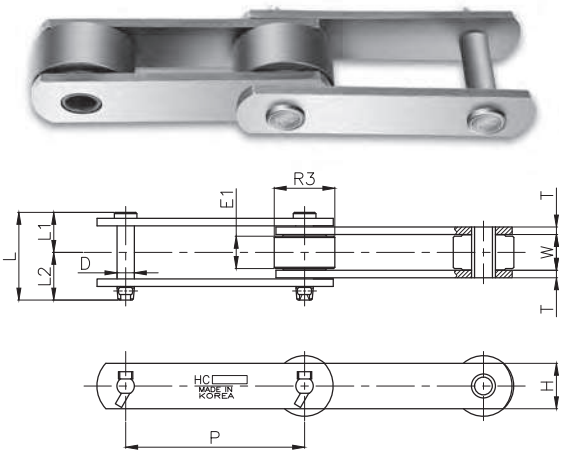
SA 어태치먼트 SA ATTACHMENT

SK 어태치먼트 SK ATTACHMENT

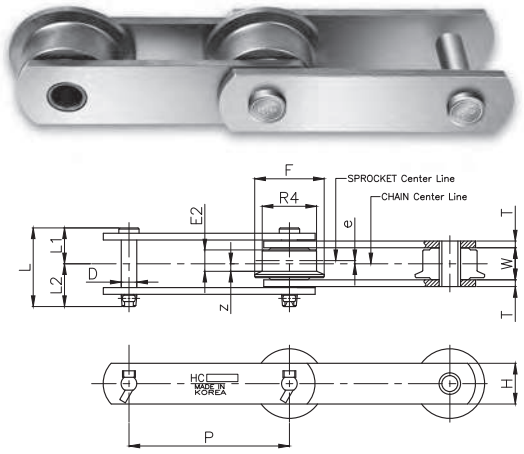
G2 어태치먼트 G2 ATTACHMENT

G4 어태치먼트 G4 ATTACHMENT

R – 롤러형 R-ROLLER TYPE



F – 롤러형 F-ROLLER TYPE



(단위 UNIT : mm)

플레이트 Plate		핀 Pin				평균인장강도 Average Tensile Strength (kgf)			개략중량 Approx. Weight (kg/m)				체인번호 Chain No.	
높이 Height	두께 Thickness	핀경 Dia.	길이 Length			보통형 General	준강력형 Semi-strong	강력형 Strong	S-Roller	M-Roller	R-Roller	F-Roller		
H	T	D	L	L_1	L_2									
22.0	3.2	7.95	38.0	18.0	20.0	3,000	5,000	71,000	1.8	–	2.8	2.9	RF 03075	Meter Pitch
									1.6		2.4	2.5	RF 03100	
32.0	4.5	11.30	53.5	24.5	29.0	7,000	11,000	14,500	4.3	–	–	–	RF 05075	
									3.8		5.2	5.4	RF 05100	
									3.4		4.5	4.6	RF 05125	
									3.3		4.2	4.4	RF 05150	
28.6	6.3	11.30	66.0	31.0	35.0	8,000	11,000	14,500	4.2	4.4	5.9	6.2	RF 08150	
									4.0	4.2	5.6	5.8	RF 08125	
38.1	6.3	14.50	73.5	33.5	40.0	11,500	17,000	23,500	7.0	7.3	10.0	–	RF 10100	
									6.3	6.5	8.7	9.0	RF 10125	
									5.9	6.1	8.0	8.3	RF 10150	
44.5	7.9	15.90	89.0	41.5	47.5	19,000	23,000	28,500	8.3	8.6	11.6	12.1	RF 12200	
									7.8	8.0	10.4	10.8	RF 12250	
50.8	9.5	19.05	111.5	52.0	59.5	25,000	32,000	39,500	12.0	12.6	19.8	20.6	RF 17200	
									11.1	11.6	16.5	17.7	RF 17250	
									10.5	10.9	15.6	15.9	RF 17300	
50.8	9.5	19.05	105.0	48.5	56.5	25,000	32,000	39,500	–	–	16.4	17.4	RF 20200	
											13.5	14.2	RF 20300	
63.5	9.5	22.23	113.0	52.0	61.0	32,000	42,000	53,000	–	–	22.9	23.9	RF 25200	
											18.5	19.1	RF 25300	
63.5	9.5	22.23	121.0	56.0	65.0	32,000	42,000	53,000	15.7	16.8	–	–	RF 26200	
									14.7	15.5	25.8	26.6	RF 26250	
									13.8	14.5	22.6	23.8	RF 26300	
									12.5	12.9	18.5	18.9	RF 26450	
76.2	9.5	25.40	124.5	59.0	65.5	48,500	59,000	69,500	–	–	26.8	27.2	RF 35300	
76.2	12.7	25.40	145.0	68.0	77.0	48,500	59,000	69,500	24.5	25.5	–	–	RF 36250	
									22.9	23.8	40.1	41.2	RF 36300	
									20.5	21.3	31.6	33.2	RF 36450	
									19.0	19.8	27.6	29.3	RF 36600	
76.2	16.0	31.80	175.5	82.5	93.0	51,000	75,000	100,000	29.7	–	54.5	58.3	RF 52300	
									26.2	–	42.8	45.2	RF 52450	
									24.9	–	37.4	38.4	RF 52600	
90.0	12.7	35.00	175.5	86.0	89.5	51,000	75,000	106,000	–	32.2	53.9	57.4	RF 60300	
									–	30.4	49.4	51.2	RF 60350	
									–	27.7	45.4	47.3	RF 60400	
110.0	16.0	42.00	199.5	97.5	102.0	80,500	115,000	166,000	–	49.2	–	–	RF 90350	
									–	46.3	74.2	77.9	RF 90400	
									–	42.2	65.1	68.3	RF 90500	
130.0	19.0	50.00	218.5	105.5	113.0	113,000	160,000	225,000	–	69.1	113.4	–	RF 120400	
									–	58.7	87.6	92.3	RF 120600	
28.6	6.3	11.30	66.0	31.0	35.0	8,000	11,000	14,500	5.6	–	–	–	RF 204	Inch Pitch
38.1	7.9	15.90	89.0	41.5	47.5	13,000	18,500	24,500	10.4	–	–	–	RF 205	
50.8	9.5	19.10	97.5	45.0	52.5	25,000	32,000	39,500	12.6	13.1	17.1	–	RF 212	
38.1	7.9	15.90	84.0	39.0	45.0	13,000	18,500	24,500	8.7	9.1	10.4	–	RF 214	
25.4	4.8	9.73	55.0	25.5	29.5	5,500	7,000	10,000	3.0	–	4.3	–	RF 430	
28.6	6.3	11.30	66.0	31.0	35.0	8,000	11,000	14,500	4.6	4.8	6.8	7.5	RF 450	
38.1	6.3	11.30	69.0	32.5	36.5	8,000	11,000	14,500	6.0	6.4	7.7	8.0	RF 650	
44.5	7.9	15.90	89.0	41.5	47.5	19,000	23,000	28,500	9.3	9.6	12.1	12.4	RF 6205	