

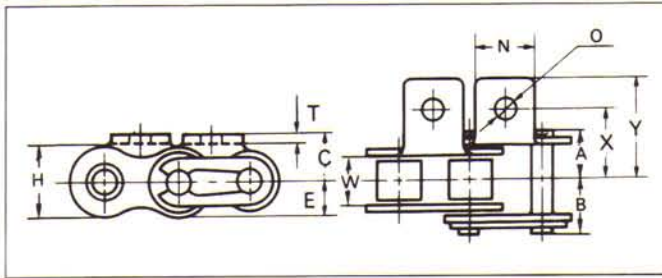
STANDARD ROLLER CHAIN ATTACHMENTS

The roller chains fitted with high-precision attachments are best suited for compact conveyors with small pitches and high precision transferring capability.

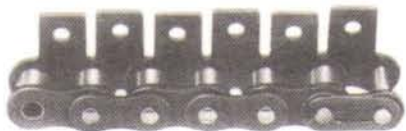
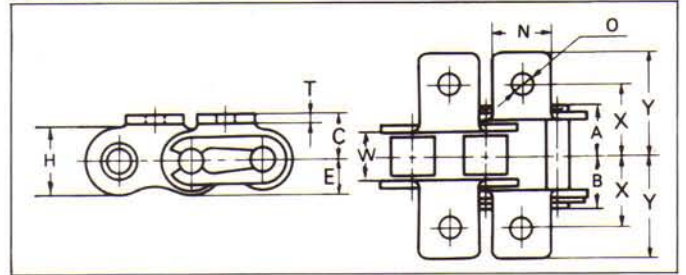
Standard Attachments



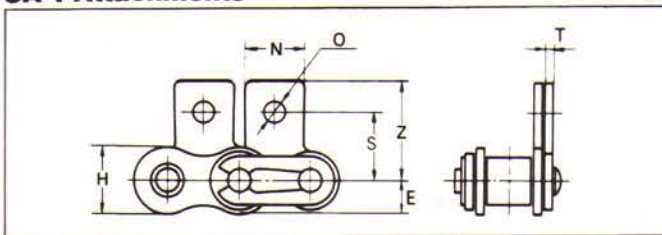
A-1 Attachments



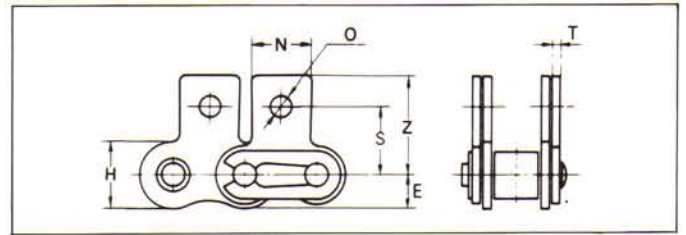
K-1 Attachments



SA-1 Attachments



SK-1 Attachments



Dimensions (millimeters)

Chain Number	Pitch P	width between inner plates W	Roller diameter D	Pin			Link plate		Standard/Rustop (N)		Stainless steel (ss)			Links of 1 unit
				Diameter d	A	B	Thickness T	Height H	Average Tensile strength kgf (kN)	Maximum Allowable Load kgf (kN)	Approx weight (kg/m)	Maximum Allowable Load kgf (kN)	Approx weight (kg/m)	
25	6.35	3.18	3.30	2.31	3.80	4.40	0.75	5.8	425 (4.1)	65 (0.64)	0.15	12 (0.12)	0.16	480
35	9.525	4.78	5.08	3.59	5.77	7.28	1.25	8.8	1,040 (10.2)	160 (1.57)	0.33	27 (0.26)	0.33	320
40	12.70	7.95	7.95	3.97	8.07	9.48	1.5	11.7	1,750 (17.2)	280 (2.75)	0.61	45 (0.44)	0.63	240
50	15.875	9.53	10.16	5.09	10.17	11.63	2.0	14.6	2,850 (27.9)	450 (4.41)	1.01	70 (0.69)	1.63	192
60	19.05	12.70	11.91	5.96	12.7	14.2	2.4	17.5	4,000 (39.5)	640 (6.28)	1.49	105 (1.03)	1.04	160
80	25.40	15.88	15.88	7.94	16.15	19.25	3.2	23.0	7,000 (68.6)	1,090 (10.69)	2.50	180 (1.77)	1.50	120
100	31.75	19.05	19.05	9.54	20.1	23.05	4.0	28.9	10,900 (106.9)	1,740 (17.06)	3.85			96
120	38.10	25.40	22.23	11.11	25.2	28.6	4.8	35.0	15,200 (149.1)	2,440 (23.93)	5.66			80
140	44.45	25.40	25.40	12.71	27.3	31.3	5.6	40.7	20,400 (200.1)	3,300 (32.36)	7.19			68
160	50.80	31.75	28.58	14.29	32.45	37.15	6.4	46.7	26,100 (256.0)	4,170 (40.89)	9.63			60

NOTE: Our attachment chains are available in either carbon steel or stainless steel.

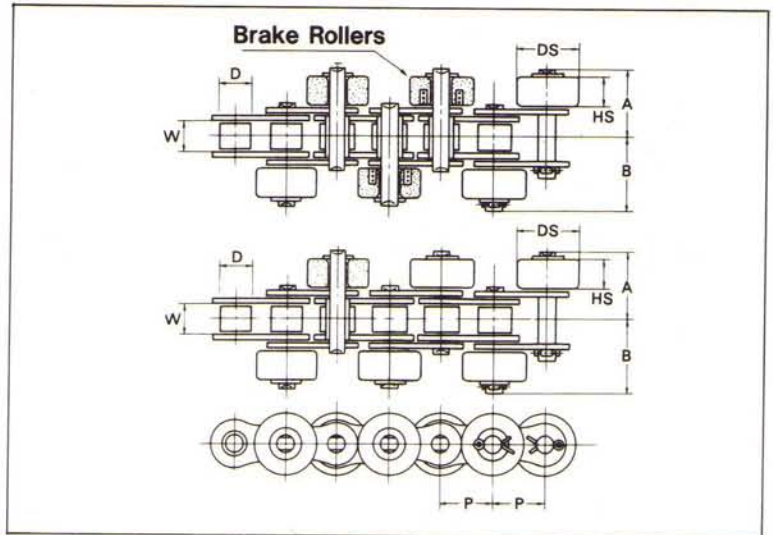
Dimensions (millimeters)

Chain Number	Attachments								Additional Weight per Attachment kg	
	N	O	E	C	X	Y	S	Z	A,SA-1	K,SK-1
25	5.6	3.4	2.9	4.75	7.15	10.7	7.95	11.65	0.0003	0.0006
35	7.9	3.4	4.4	6.35	9.5	13.8	9.5	13.8	0.0009	0.0006
40	9.5	3.6	5.8	7.9	12.7	17.4	12.7	17.3	0.0014	0.003
50	12.7	5.2	7.3	10.3	15.9	22.3	15.9	22.3	0.0032	0.006
60	15.9	5.2	8.8	11.9	19.05	27.2	18.25	26.3	0.0056	0.011
80	19.1	6.8	11.5	15.9	25.4	35.2	24.6	34.2	0.013	0.026
100	25.4	8.7	14.4	19.85	31.75	44.7	31.75	44.6	0.025	0.050
120	28.6	10.3	17.5	23.0	38.1	52.5	36.55	50.9	0.038	0.076
140	34.9	11.9	20.4	28.6	44.45	62.2	44.45	62.0	0.071	0.141
160	38.1	14.3	23.4	31.75	50.8	71.0	50.8	69.9	0.097	0.195

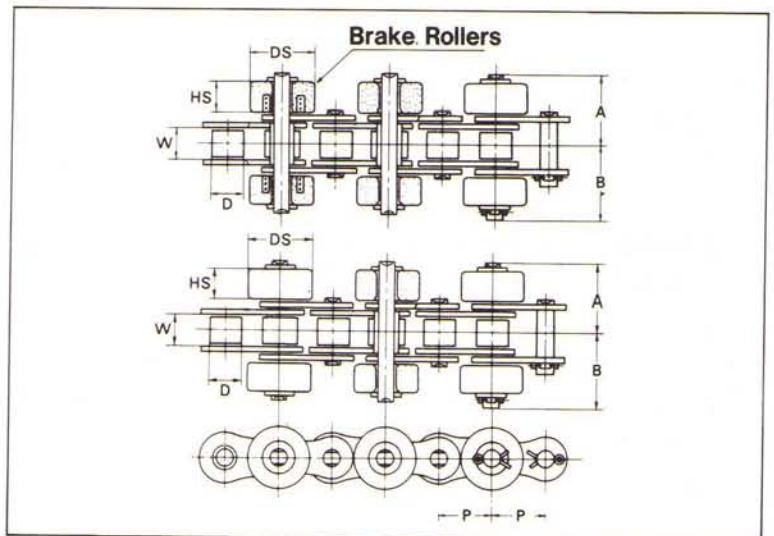
ROLLER CHAINS WITH SIDE ROLLERS

The standard roller chain is fitted with side rollers to quickly carry or accumulate materials on them. Return line layout is also simple and compact. Side rollers made of steel, plastics and rubber are available.

Single Pitch Roller Chains



Double Pitch Roller Chains



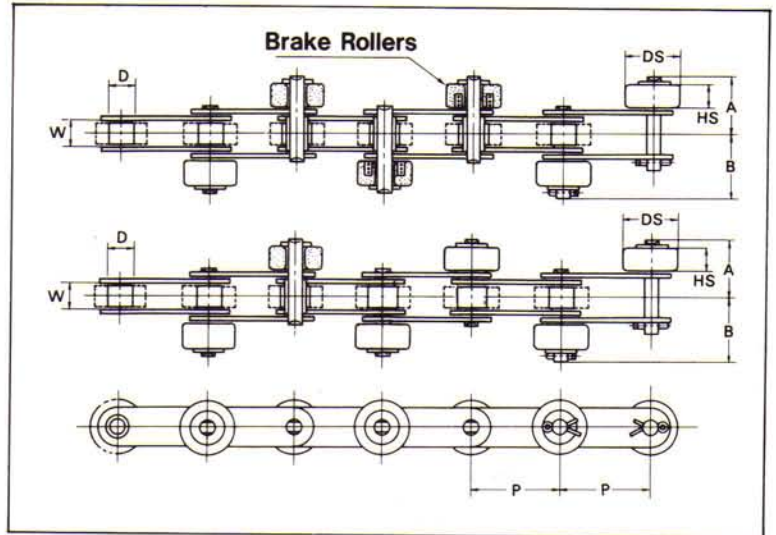
Dimensions (millimeters)

Chain Number	Pitch P	Width between inner plates W	Roller diameter D	Pin		Side Roller		Additional Weight per Side Roller kg			
				Diameter d	A	B	DS	HS	steel	plastic	rubber
40	12.70	7.95	7.95	3.97	17.7	19.9	15.88	7.8	0.014	0.004	0.007
50	15.875	9.53	10.16	5.09	21.5	23.5	19.05	9.4	0.024	0.006	0.012
60	19.05	12.70	11.91	5.96	27.5	30.2	22.23	12.6	0.043	0.010	0.025
80	25.40	15.88	15.88	7.94	34.5	37.7	28.58	15.7	0.086	0.025	0.045
100	31.75	19.05	19.05	9.54	42.5	45.6	39.69	18.8	0.195	0.055	0.092

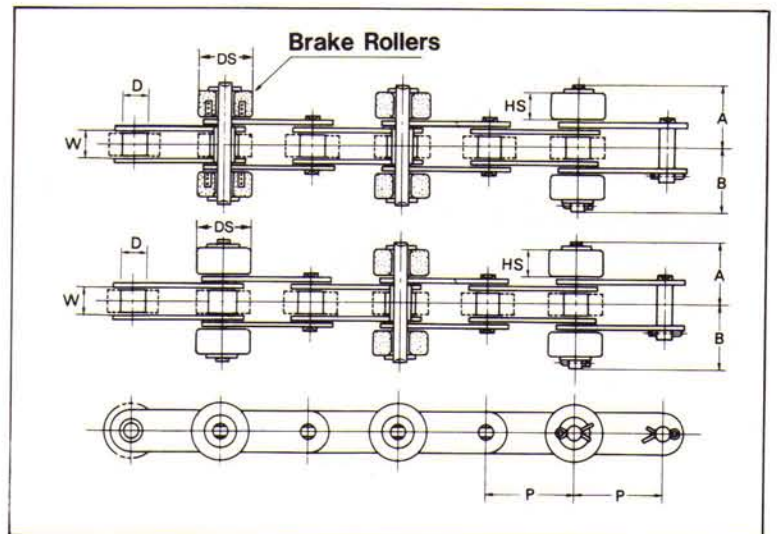
DOUBLE PITCH ROLLER CHAINS WITH SIDE ROLLERS

These are the R-type roller chains with side rollers made of steel, plastics and rubber.

1P Alternate Side Type



2P Both Side Type



Dimensions (millimeters)

Chain Number	Pitch P	Width between inner plates W	Roller diameter D	Pin			Side Roller		Additional Weight per Side Roller kg		
				Diameter d	A	B	DS	HS	steel	plastic	rubber
C2040	25.40	7.95	7.95	3.97	17.7	19.9	15.88	7.8	0.014	0.004	0.007
C2042			15.88				23.0		0.029	0.007	0.016
C2050	31.75	9.53	10.16	5.09	21.5	23.5	19.05	9.4	0.024	0.006	0.012
C2052			19.05				27.0		0.050	0.013	0.030
C2060H	38.10	12.70	11.91	5.96	29.1	31.8	22.23	12.6	0.043	0.010	0.025
C2062H			22.23				30.0		0.077	0.019	0.049
C2080H	50.80	15.88	15.88	7.94	36.1	39.3	28.58	15.7	0.086	0.025	0.045
C2082H			28.58				38.1		0.150	0.038	0.095
C2100H	63.50	19.05	19.05	9.54	44.2	47.0	39.69	18.8	0.195	0.055	0.092
C2102H			39.69				50.8		0.320	0.072	0.205

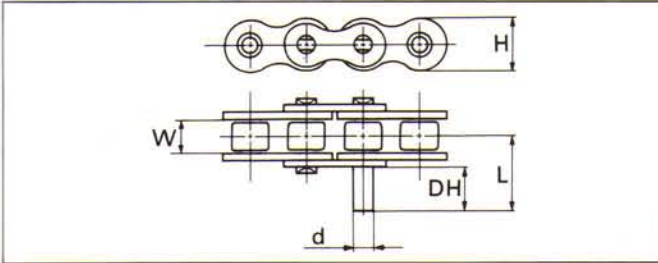
NOTE: Use the exclusively designed sprocket.

ROLLER CHAINS WITH ATTACHMENTS

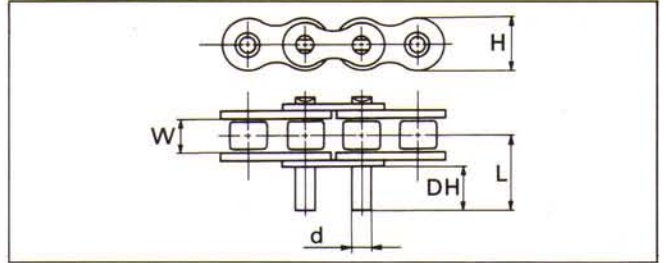
D-1/D-3 Roller Chain Attachments

The D-1 and D-3 roller chain attachments are the roller chains with extra extended pins. The D-1 has one extended pin per link, and the D-3 has two extended pins per link, as pictured below. They are arranged in parallel so that their extended pins faced to each other to carry pipes, metal pieces, etc.

D-1 Attachments



D-3 Attachments

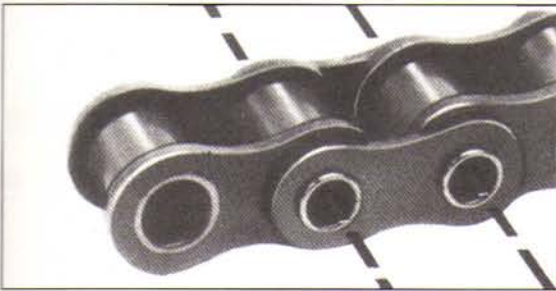


Dimensions (millimeters)

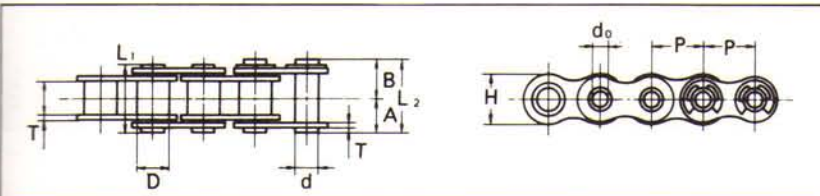
Chain Number	Pitch P	Width between inner plates W	Roller diameter D	Pin			Link plate		Attachments		Additional Weight per Attachment kg		Link of l unit
				Diameter d	A	B	Thickness T	Height H	DH	L	D-1	D-3	
35	9.525	4.78	*5.08	3.59	5.77	7.28	1.25	8.8	9.52	14.5	0.0007	0.0014	320
40	12.70	7.95	7.95	3.97	8.07	9.48	1.5	11.7	9.52	16.6	0.0006	0.0017	240
50	15.875	9.53	10.16	5.09	10.17	11.63	2.0	14.6	11.91	20.9	0.0017	0.0034	192
60	19.05	12.70	11.91	5.96	12.70	14.20	2.4	17.5	14.27	25.6	0.0034	0.006	160
80	25.40	15.88	15.88	7.94	16.15	19.25	3.2	23.0	19.05	33.6	0.007	0.014	120
100	31.75	19.05	19.05	9.54	20.10	23.05	4.0	28.9	23.83	41.6	0.012	0.024	96
120	38.10	25.40	22.23	11.11	25.20	28.60	4.8	35.0	28.58	51.2	0.020	0.040	80
140	44.45	25.40	25.40	12.71	27.30	31.30	5.6	40.7	33.32	57.6	0.030	0.060	68
160	50.80	31.75	28.58	14.29	32.45	37.15	6.4	46.7	38.10	67.3	0.044	0.080	60

NOTES: attachment chains are available in either carbon steel or stainless steel.

HOLLOW PIN (HP) CHAINS



This chain uses hollow pins to which various attachment can easily be fixed. Nickel plated version and stainless steel version are available. Standard and double pitch sprockets are available.



Roller Chain Type



Dimensions (millimeters)

Chain Number	Pitch P	Width between inner plates W	Roller diameter D	Pin					Link plate		Average Tensile strength kgf (kN)	Maximum Allowable Load kgf (kN)	Approx weight (kg/m)	Links of l unit	
				Diameter d	A	B	(A + A) L ₁	(A + B) L ₂	Offset L	Thickness T					Height H
40 HP	12.70	7.95	7.95	5.68	4.00	8.1	9.4	16.2	17.5	1.5	11.7	1,350(13.2)	180(1.77)	0.51	240
50 HP	15.875	9.53	10.16	7.24	5.12	10.3	11.7	20.6	22.0	2.0	14.6	2,100(20.6)	320(3.14)	0.83	192
60 HP	19.05	12.70	11.91	8.37	5.99	12.9	14.3	25.8	27.2	2.4	17.5	3,200(31.4)	430(4.22)	1.24	160
80 HP	25.40	15.88	15.88	11.24	8.02	16.3	17.8	32.6	34.1	3.2	23.0	5,400(53.0)	780(7.65)	2.32	120

TRIPLE SPEED CHAIN

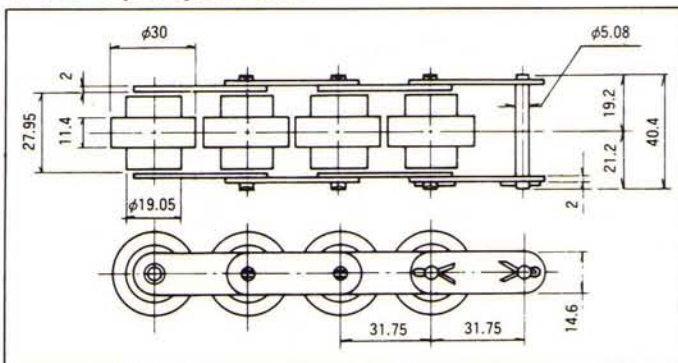
■ SPECIFICATION OF TRIPLE SPEED CHAIN

Specification		Chain No.	Material of roller	Permissible chain pull (kg-f)	Allowable loading weight per roller (kg-f/1)	Temperature in use (°C)	Weight (kg/m)	speed ratio				
CZ5 Triple speed chain	Low loading type	Standard type	CZ5-DP	70	22	-10 ~+80	1.1	2.57				
		Conductive type	CZ5-DPC						Conductible engineering plastics			
	Middle loading type	Standard type	CZ5-DN	Special engineering plastics					140			
		Conductive type	CZ5-DNC	Conductible engineering plastics								
	High loading type	High chain pull type	CZ5-SS	Carbon steel					440	32	-10 ~+150	3.7
	CZ6 Triple speed chain	Low loading type	Standard type	CZ6-DP					140	36	-10 ~+80	2.2
Conductive type			CZ6-DPC	Conductible engineering plastic								
Middle loading type		Standard type	CZ6-DN	Special engineering plastics	210							
		Conductive type	CZ6-DNC	Conductible engineering plastics								
High loading type		High chain type	CZ6-SS	Carbon steel	640	45	-10 ~+150	5.6				

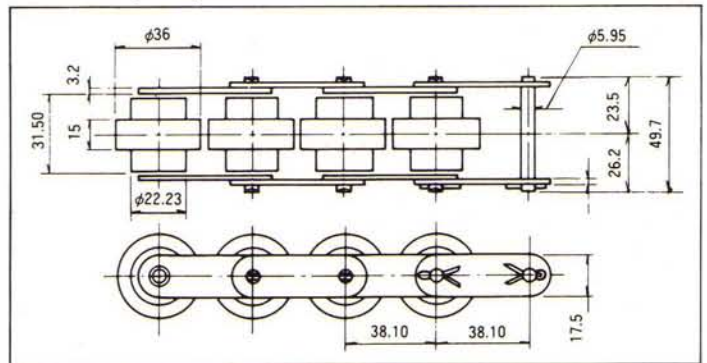
Max. chain speed $V_{max}=15m/min$

■ DIMENSION OF TRIPLE SPEED CHAIN

● CZ5 Triple speed chain



● CZ6 Triple speed chain



CARRIER CHAIN

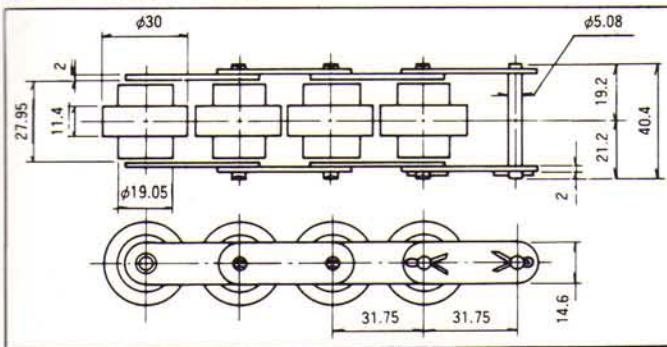
■ SPECIFICATION OF CARRIER CHAIN

Name	Chain No.	Material of roller	Permissible chain pull (kg-f)	Allowable loading weight per roller (kg-f/1)	Temperature in use (°C)	Weight (kg/m)	speed ratio
CY5 carrier chain	CY5-DD	Special engineering plastics	140	22	-10 ~+80	1.3	1:1
	CY5-SS	Carbon steel	440	32	-10 ~+150	3.8	
CY6 Carrier chain	CY6-DD	Special engineering plastics	200	36	-10 ~+80	2.2	
	CY6-SS	Carbon steel	640	44	-10 ~+150	5.4	

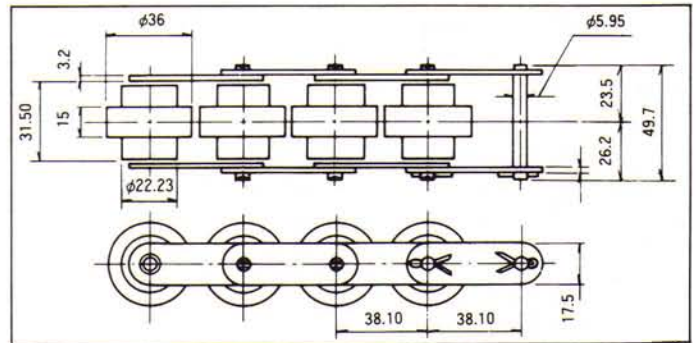
Max. chain speed $V_{max}=15m/min$

■ DIMENSION OF CARRIER CHAIN

● CY5 Carrier chain

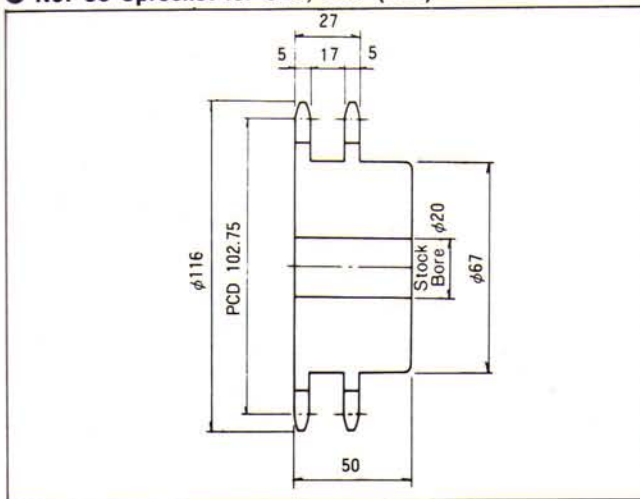


● CY6 Carrier chain

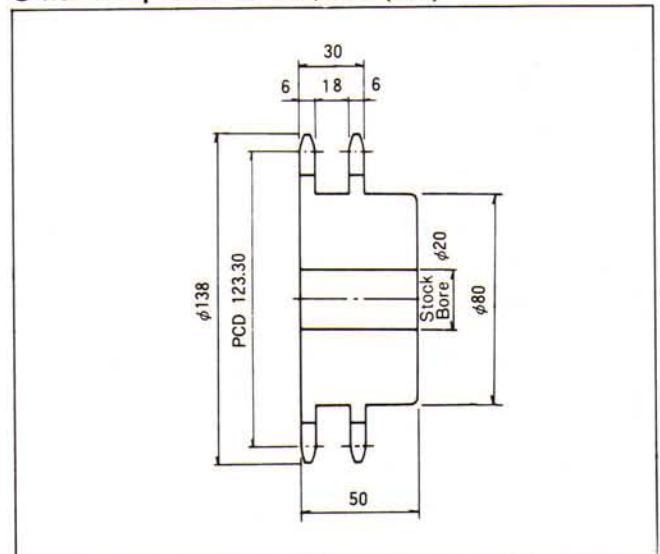


■ STANDARD SPROCKET

● No. C5 Sprocket for CZ5, CY5 (10T)

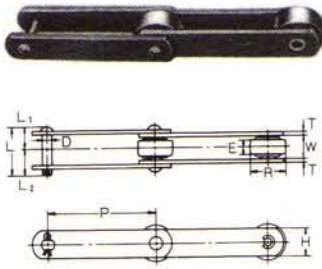


● No. C6 Sprocket for CZ6, CY6 (10T)

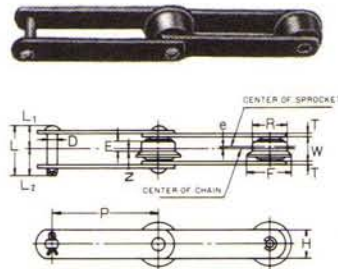


CONVEYOR CHAINS

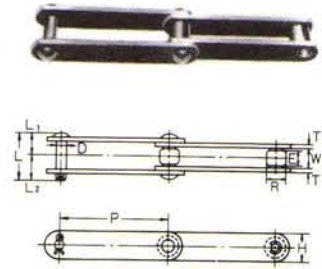
STYLE R



STYLE F



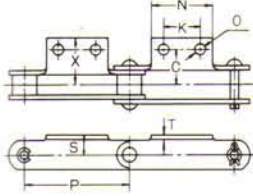
STYLE S



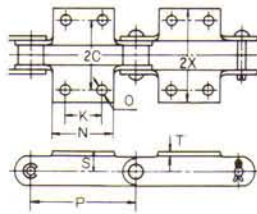
Chain No.	Style	Average Ultimate Strength (kg)	Chain Pitch P	Rollers								Between Side Bars W	Side Bars		Pin				Ave Weight (kg/m)		
				R Roller		F Roller				S Roller	Height H		Thickness T	D	L1+L2	L1	L2	R	F	S	
				R	E	R	F	E	e	Z	R										
K03075 K03100 K03125 K03150	R.F.S.	3,000	75 100 125 150	31.8 (30)	15.5	31.8 (30)	42 (38)	12	1.8 (2)	4.3 (4)	15.9 (16)	16.1 (18)	22	3.2	8.0 (7.95)	38	18	20	2.5 2.2 2.0 1.9	2.7 2.3 2.1 2.0	2.0 1.8 1.6 1.4
K430	R.F.S.	5,500	101.6	38.1	19	38.1	50	14.2	3	4.1	20.1	22.2	25.4	4.8	9.53	51	24	27	4.3	4.7	3.0
K05075 K05100 K05125 K05150 K05175	R.F.S.	7,000	75 100 125 150 175	40	19	40	50	14	2.5	4.5	22.2	22	32	4.5	11.11	51	24	27	5.6 5.0 4.5 4.1 3.7	5.8 5.2 4.7 4.3 3.9	5.4 4.8 4.3 3.9 3.5
K204	S	8,500	66.27	—	—	—	—	—	—	—	22.2	27	28.6	6.3	11.11	63	30	33	—	—	5.6
K450	R.F.S.	8,500	101.6	44.5	23	44.5	60	20	1.5	8.5	22.2	27	28.6	6.3	11.11	63	30	33	6.7	6.9	4.6
K07100 K07125 K07150 K07175 K07200	R.F.S.	8,600	100 125 150 175 200	45	21.5	45	60	16	3	5	25	25	32	6	12.7	61.5	29	32.5	6.8 6.1 5.5 5.0 4.5	7.2 6.5 5.8 5.4 4.9	6.0 5.5 5.0 4.5 4.0
K08125 K08150	R.F.S.	8,500	125 150	44.5	23	44.5	60	20	1.5	8.5	22.2	27	28.6	6.3	11.11	63	30	33	6.1 5.5	6.3 5.8	4.3 4.0
K650	R.F.S.	8,500	152.4	50.8	26	50.8	65	20	3	7	25.8	30	38	6.0	11.11	66	31.5	34.5	7.8	8.1	6.0
K470	S	10,000	101.6	—	—	—	—	—	—	—	25.8	28.6	38	6.3	12.7	66	31	35	—	—	6.5
K10100 K10125 K10150 K10200	R.F.S.	11,500	100 125 150 200	50.8 (50)	26.5	50.8 (50)	65	20	3.5	6.5	29 (30)	30	38	6.3	14.29	68	32	36	10.0 8.7 7.0 6.5	10.2 8.9 7.7 6.7	9.4 8.1 6.9 5.9
K214	R.F.S.	14,000	101.6	44.5	27	44.5	60	20.5	4.25	6	31.8	31.6	38	7.9	15.88	78.5	37	41.5	10.4	10.7	8.7
K205	S	14,000	78.11	—	—	—	—	—	—	—	31.8	37.1	38	7.9	14.29	81.5	39	42.5	—	—	10.3
K6205	R.F.S.	19,000	152.4	57.2	32	57.2	75	25	3.5	9	34.9	37.1	45	7.9	15.88	86	40	46	12.1	12.4	9.3
K12200 K12250	R.F.S.	19,000	200 250	65	32	65	85	24	4	8	34.9	37.1	45	7.9	15.88	85.5	39.5	46	11.6 10.4	12.2 10.9	8.4 7.8
K212	R.F.S.	25,000	152.4	69.9	32.5	69.9	90	24.5	4.75	7.5	40.1	37.1	50.8	9.5	19.05	94	43.5	50.5	17.1	17.6	12.6
K17200 K17250 K17300	R.F.S.	21,000	200 250 300	80	45.8	80	105	34	5	12	40.1	51.4	50.8	9.5	19.05	110.5	51	59.5	19.7 17.2 15.8	20.7 18.2 16.6	12.0 11.1 10.5
K26200 K26250 K26300 K26450	R.F.S.	28,500	200 250 300 450	100	50	100	130	38	6	13	44.5	57.2	63.5	9.5	22.23	116	54	62	28.4 26.2 23.4 18.7	30.4 27.8 24.7 19.6	15.2 14.7 13.8 12.4
K35300 K35350 K35400 K35500	R.F.S.	36,500	300 350 400 500	100	52	100	130	40	6	14	50.8	59	75	9	25.4	119	54.5	64.5	24.0 22.0 20.6 18.6	25.2 23.3 21.7 19.6	17.2 16.4 15.7 14.7
K36250 K36300 K36450 K36600	R.F.S.	48,500	250 300 450 600	125	56	125	160	42	7	14	50.8	66.7	76.2	12.7	25.4	141	65.5	75.5	45.7 40.4 31.8 27.8	47.6 42.0 33.3 29.0	24.0 22.9 20.2 19.0
K52450 K52600	R.F.S.	55,000	450 600	140	65	140	180	49	8	16.5	57.2	77	90	16	31.75	169	79	90	45.8 39.8	48.0 41.8	26.2 24.2

CONVEYOR CHAINS WITH ATTACHMENTS

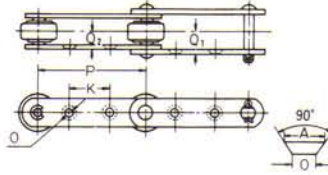
A-2 attachments



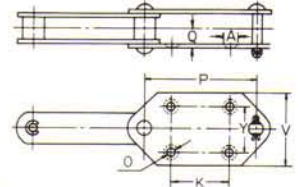
K-2 attachments



G-2 attachments



G-4 attachments



Chain No.	Style	Type of Attachment	Chain Pitch	A-2,K-2,A-3,K-3 Attachments							Weight	
				S	C	X	N	K	T	O		
K03075	R.F.S.	A-2	75				55 (60)	30 (35)				0.05
K03100		K-2	100	20	30	46	65	40	3.2	10	M 8	0.06
K03125			125	(15)			75	50				0.06
K03150			150				85	60				0.07
K430	R.F.S.	A-2 K-2	101.6	22	40	59	70	40	4.8	11	M 10	0.15
K05075	R.F.S.	A-2	75				54	30				0.07
K05100		K-2	100				65	40				0.08
K05125			125	22	35	56.5	75	50	4.5	10	M 8	0.09
K05150			150				85	60				0.10
K05175			175				95	70				0.12
K204	S	A-2 K-2	66.27	28	45	70	60	30	6.3	11	M 10	0.18
K450	R.F.S.	A-2 K-2	101.6	28	50	70	70	40	6.3	11	M 10	0.20
K07100	R.F.S.	A-2	100				70	40				0.20
K07125		K-2	125				80	50				0.22
K07150			150	25	40	63	90	60	6	12	M 10	0.25
K07175			175				100	70				0.28
K07200			200				110	80				0.31
K08125	R.F.S.	A-2	125	28	50	70	75	50	6.3	12	M 10	0.17
K08150		K-2	150				90	60				0.22
K650	R.F.S.	A-2 K-2	152.4	32	50	72	90	60	6.3	11	M 10	0.25
K470	S	A-2 K-2	101.6	30	50	71.5	68	38	6.3	11	M 10	0.24
K10100	R.F.S.	A-2	100				70	40				0.18
K10125		K-2	125	28	50	74	80	50	6.3	12	M 10	0.23
K10150			150				90	60				0.28
K10200			200				120	80				0.37
K214	R.F.S.	A-2 K-2	101.6	35	55	84	80	40	7.9	15	M 12	0.30
K205	S	A-2 K-2	78.11	35	60	86.5	65	30	7.9	12	M 10	0.30
K6205	R.F.S.	A-2 K-2	152.4	38	60	85	100	60	7.9	15	M 12	0.40
K12200	R.F.S.	A-2	200				120	80				0.45
K12250		K-2	250	38	60	85	165	125	7.9	15	M 12	0.62
K212	R.F.S.	A-2 K-2	152.4	45	65	94.5	100	60	9.5	15	M 12	0.55
K17200	R.F.S.	A-2	200				120	80				0.85
K17250		K-2	250	45	75	108	165	125	9.5	15	M 12	1.17
K17300		A-2 Welding Style K-2 Welding Style	300	45	75	110	220	180	6	15	M 12	1.35
K26200	R.F.S.	A-2	200				120	80				0.85
K26250		A-2	250	55	80	111.5	165	125	9.5	15	M 12	1.17
K26300		A-2 Welding Style K-2 Welding Style	300	55	80	123	220	180	9	15	M 12	2.20
K26450		A-3 Welding Style K-3 Welding Style	450	55	80	123	230	140	9	15	M 12	3.30
K35300	R.F.S.											
K35350												
K35400												
K35500												
K36250	R.F.S.											
K36300												
K36450		A-3 Welding Style	450	70	100	159	330	140	10	19	M 16	4.95
K36600		K-3 Welding Style	600				410	180				6.15
K52450	R.F.S.	A-3 Welding Style	450	80	120	171	330	140	13	22	M 20	5.40
K52600		K-3 Welding Style	600				410	180				7.85

Chain No.	Style	Chain Pitch	G-2 Attachments							Limited Length of bolt installed	
			K	T	Q1	Q2	A	O	bolt	Pin Link	Roller Link
K5150	R.F.S.	150	60	4.5	20	15.5	15	10	M 8	35	25
K10150	R.F.S.	150	60	6.3	27.6	21.3	20	12	M 10	49	35
K12200	R.F.S.	200	80	7.9	52.9	45	27	15	M 12	63	45
K12250		250	125								
K17200	R.F.S.	200	80								
K17250		250	110	9.5	70.4	60.9	27	15	M 12	80	60
K17300		300	150								
K20200	R.F.	200	80	9.5	64	54.5	27	15	M 12	75	55
K20300		300	150								
K25200	R.F.	200	80	9	67	58	27	15	M 12	79	59
K26300	R.F.S.	300	140	9.5	76.2	66.7	27	15	M 12	86	65
K26450		450	220								
K35300	R.F.S.	300	140	9	77	68	27	15	M 12	90	69
K36450	R.F.S.	450	220	12.7	92.1	79.4	32	19	M 16	87	66
K36600		600	300								
K52450	R.F.S.	450	220	16	109	93	38	22	M 20	124	89
K52600		600	300								
K650	R.F.S.	152.4	60	6.3	42.6	36.3	19.5	11	M 10	48	34
K6205	R.F.S.	152.4	60	7.9	52.9	45	27	15	M 12	62	44

Chain No.	Style	Chain Pitch	G-4 Attachments							Weight	
			V	K	Y	T	Q	A	O		
K5150	R.F.S.	150	100	75	70	4.5	20.5	15	10	M 8	0.43
K10150	R.F.S.	150	100	75	70	6.3	28.1	20	12	M 10	0.61
K12200	R.F.S.	200	130	100	80						0.76
K12250		250	150	140	100	7.9	34.6	27	15	M 12	1.18
K17200	R.F.S.	200	130	100	80						0.84
K17250		250	150	140	100	9.5	45.2	27	15	M 12	1.19
K17300		300	170	180	120						1.35
K20200	R.F.	200	130	100	80	9.5	42.2	27	15	M 12	1.27
K20300		300	170	180	120	9.5	42.2	27	15	M 12	1.35
K25200	R.F.	200	130	100	80	9.5	43.5	2727	15	M 12	1.03
K26300	R.F.S.	300	170	180	120	9.5	48.1	27	15	M 12	1.69
K26450		450	190	250	140						2.11
K36250	R.F.S.	250	150	140	100	12.7	59.2	27	15	M 12	1.98
K36300		300	180								2.38
K650	R.F.S.	152.4	110	75	70	6.3	28.0	19.5	11	M 10	0.50
K6205	R.F.S.	152.4	120	75	70	7.9	35.5	27	15	M 12	0.53