



STANDARD ROLLER CHAINS (MULTIPLE STRAND TYPE)

11 types of multiple roller chains, conforming to JIS and ANSI, are available.

○ Dimensions

[Unit: mm]

Chain No.		Pitch P	Width between Inner Plates W	Roller Dia. D	Pin						Link Plate		Trans- verse Pitch C	JIS	Ave. Tensile Strength kN (kgf)	Max. Allowable Load kN (kgf)	Approx. Weight (kg/m)	Links of 1 unit
KCM	JIS & ANSI				Dia. d	A	B	(A+A) L ₁	(A+B) L ₂	Offset L	Thickness T	Height H		Tensile strength kN (kgf)				
25-2	25-2	6.35	3.18	* 3.30	2.31	7.00	8.00	14.00	15.00	—	0.75	5.8	6.4	7.0(714)	8.8(900)	1.08(110)	0.26	480
25-3	25-3					10.20	11.20	20.40	21.40					10.5(1,071)	13.2(1,350)	1.57(160)	0.39	
35-2	35-2	9.525	4.78	* 5.08	3.59	10.75	12.15	21.50	22.90	23.75	1.25	8.8	10.1	15.8(1,611)	21.6(2,200)	3.63(370)	0.64	320
35-3	35-3					15.80	17.20	31.60	33.00	33.85				23.7(2,417)	32.4(3,300)	5.39(550)	0.95	
40-2	40-2	12.70	7.95	7.92	3.97	15.22	16.73	30.45	31.95	33.35	1.5	11.7	14.4	27.8(2,835)	36.3(3,700)	6.17(630)	1.19	240
40-3	40-3					22.42	23.93	44.85	46.35	47.75				41.7(4,252)	54.4(5,550)	9.11(930)	1.79	
40-4	40-4					29.62	31.13	59.25	60.75	62.15				55.6(5,670)	72.6(7,400)	11.96(1,220)	2.38	
40-5	40-5					36.82	38.33	73.65	75.15	76.55				69.5(7,087)	90.7(9,250)	14.12(1,440)	2.96	
50-2	50-2	15.875	9.53	10.16	5.09	19.20	20.65	38.40	39.85	41.10	2.0	14.6	18.1	43.6(4,446)	59.8(6,100)	10.79(1,100)	2.01	192
50-3	50-3					28.25	29.70	56.50	57.95	59.20				65.4(6,669)	89.7(9,150)	15.89(1,620)	2.99	
50-4	50-4					37.30	38.75	74.60	76.05	77.30				87.2(8,892)	119.6(12,200)	21.08(2,150)	3.99	
50-5	50-5					46.35	47.80	92.70	94.15	95.40				109.0(11,115)	149.6(15,250)	24.81(2,530)	4.99	
60-2	60-2	19.05	12.70	11.91	5.96	24.05	25.55	48.10	49.60	52.25	2.4	17.5	22.8	62.6(6,383)	82.4(8,400)	15.00(1,530)	2.95	160
60-3	60-3					35.45	36.95	70.90	72.40	75.05				93.9(9,575)	123.5(12,600)	22.06(2,250)	4.41	
60-4	60-4					46.85	48.35	93.70	95.20	97.05				125.2(12,767)	164.6(16,800)	28.93(2,950)	5.83	
60-5	60-5					58.25	59.75	116.50	118.00	119.85				156.5(15,959)	205.8(21,000)	34.32(3,500)	7.32	
60-6	60-6					69.65	71.15	139.30	140.80	142.65				187.8(19,150)	247.0(25,200)	40.60(4,140)	8.78	
80-2	80-2	25.40	15.88	15.88	7.94	30.72	33.83	61.45	64.55	66.20	3.2	23.0	29.3	111.2(11,339)	145.0(14,800)	25.01(2,550)	4.96	120
80-3	80-3					45.37	48.48	90.75	93.85	95.50				166.8(17,009)	217.7(22,200)	36.77(3,750)	7.40	
80-4	80-4					60.02	63.13	120.05	123.15	124.00				222.4(22,678)	290.3(29,600)	48.54(4,950)	9.84	
80-5	80-5					74.67	77.78	149.35	152.45	153.30				278.0(28,348)	362.8(37,000)	57.37(5,850)	12.29	
80-6	80-6					89.32	92.43	178.65	181.75	182.60				333.6(34,018)	435.4(44,400)	67.67(6,900)	14.73	
100-2	100-2	31.75	19.05	19.05	9.54	38.00	40.95	76.00	78.95	80.85	4.0	28.9	35.8	174.0(17,743)	225.6(23,000)	38.25(3,900)	7.62	96
100-3	100-3					55.90	58.85	111.80	114.75	116.50				261.0(26,615)	338.3(34,500)	56.39(5,750)	11.38	
100-4	100-4					73.80	76.75	147.60	150.55	151.75				348.0(35,486)	451.1(46,000)	74.04(7,550)	15.15	48
100-5	100-5					91.70	94.65	183.40	186.35	187.55				435.0(44,358)	563.9(57,500)	87.77(8,950)	18.91	
100-6	100-6					119.60	122.55	239.20	242.15	223.35				522.0(53,229)	676.7(69,000)	103.75(10,580)	22.68	
120-2	120-2	38.10	25.40	22.23	11.11	47.90	51.30	95.80	99.20	100.70	4.8	35.0	45.4	250.0(25,493)	313.8(32,000)	51.48(5,250)	11.21	80
120-3	120-3					70.60	74.00	141.20	144.60	146.10				375.0(38,239)	470.7(48,000)	76.00(7,750)	16.74	
120-4	120-4					93.30	96.70	186.60	190.00	191.50				500.0(50,986)	627.6(64,000)	100.03(10,200)	22.28	40
120-5	120-5					116.00	119.40	232.00	235.40	236.90				625.0(63,732)	784.5(80,000)	118.17(12,050)	27.83	
120-6	120-6					138.70	142.10	277.40	280.80	282.30				750.0(76,479)	941.4(96,000)	139.84(14,260)	33.36	
140-2	140-2	44.45	25.40	25.40	12.71	51.75	55.75	103.50	107.50	108.95	5.6	40.7	48.9	340.0(34,670)	421.7(43,000)	68.31(6,970)	14.24	34
140-3	140-3					76.20	80.20	152.40	156.40	157.85				510.0(52,006)	632.5(64,500)	100.52(10,250)	21.30	
140-4	140-4					100.65	104.65	201.30	205.30	206.75				680.0(69,341)	843.4(86,000)	132.39(13,500)	28.33	
160-2	160-2	50.80	31.75	28.58	14.29	61.70	66.40	123.40	128.10	130.35	6.4	46.7	58.5	446.0(45,479)	539.4(55,000)	89.73(9,150)	19.06	30
160-3	160-3					90.95	95.65	181.90	186.60	188.85				669.0(68,219)	809.0(82,500)	132.39(13,500)	28.50	
160-4	160-4					120.20	124.90	240.40	245.10	247.35				892.0(90,959)	1078.7(110,000)	174.56(17,800)	37.93	
200-2	200-2	63.50	38.10	39.68	19.85	75.45	82.45	150.90	157.90	160.80	8.0	58.4	71.6	694.0(70,768)	941.4(96,000)	121.60(12,400)	31.59	24
200-3	200-3					111.25	118.25	222.50	229.50	232.40				1041.0(106,152)	1412.2(144,000)	178.97(18,250)	47.29	
200-4	200-4					147.05	154.05	294.10	301.10	304.00				1388.0(141,537)	1882.9(192,000)	235.85(24,050)	62.95	

NOTES: - KCM25 offset link is 2-pitch type.

- Asterisk (*) implies bush diameter.

- Connecting links of KCM25 to KCM60 are clip type (both open and closed types are available for 40, 50, and 60).

- Connecting links of KCM 80 or larger models are split pin type.