



# STANDARD ROLLER CHAINS (MULTIPLE STRAND TYPE)

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

Dimensions (millimeters)

Chain No.		Pitch P	Width between inner plates W	Roller diameter D	Pin					Link plate		Trans- verse pitch C	JIS&ANSI Tensile strength kgf (kN)	Average Tensile strength kgf (kN)	Maximum Allowable Load kgf (kN)	Approx weight (kg/m)	Links of 1 unit			
KCM	JIS& ANSI				Diameter d	A	B	(A + A) L <sub>1</sub>	(A + B) L <sub>2</sub>	Offset L	Thick- ness T							Height H		
<b>25-2</b>	25-2	6.35	3.18	*3.30	2.31	7.00	8.00	14.00	15.00		0.75	5.8	6.4	714( 7.0)	900( 8.8)	110( 1.08)	0.26	480		
<b>25-3</b>	25-3					10.20	11.20	20.40	21.40							1,071( 10.5)	1,350( 13.2)		160( 1.57)	0.39
<b>35-2</b>	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	1,612( 15.8)	2,200( 21.6)	370( 3.63)	0.64	320		
<b>35-3</b>	35-3					15.80	17.20	31.60	33.00	33.85						2,418( 23.7)	3,300( 32.4)		550( 5.39)	0.95
<b>40-2</b>	40-2	12.70	7.95	7.95	3.97	15.22	16.73	30.45	31.95	33.35	1.5	11.7	14.4	2,814( 27.6)	3,700( 36.3)	630( 6.17)	1.19	240		
<b>40-3</b>	40-3					22.42	23.93	44.85	46.35	47.75						4,221( 41.4)	5,550( 54.4)		930( 9.11)	1.79
<b>40-4</b>	40-4					29.62	31.13	59.25	60.75	62.15						5,628( 55.2)	7,400( 72.6)		1,220( 11.96)	2.38
<b>40-5</b>	40-5					36.82	38.33	73.65	75.15	76.55						7,035( 69.0)	9,250( 90.7)		1,440( 14.12)	2.96
<b>50-2</b>	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	4,446( 43.6)	6,100( 59.8)	1,100( 10.79)	2.01	192		
<b>50-3</b>	50-3					28.25	29.70	56.50	57.95	59.20						6,669( 65.4)	9,150( 89.7)		1,620( 15.89)	2.99
<b>50-4</b>	50-4					37.30	38.75	74.60	76.05	77.30						8,892( 87.2)	12,200( 119.6)		2,150( 21.08)	3.99
<b>50-5</b>	50-5					46.35	47.80	92.70	94.15	95.40						11,115( 109.0)	15,250( 149.6)		2,530( 24.81)	4.99
<b>60-2</b>	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	6,344( 62.2)	8,400( 82.4)	1,530( 15.00)	2.95	160		
<b>60-3</b>	60-3					35.45	36.95	70.90	72.40	75.05						9,516( 93.3)	12,600( 123.5)		2,250( 22.06)	4.41
<b>60-4</b>	60-4					46.85	48.35	93.70	95.20	97.05						12,688( 124.4)	16,800( 164.6)		2,950( 28.93)	5.83
<b>60-5</b>	60-5					58.25	59.75	116.50	118.00	119.85						15,860( 155.5)	21,000( 205.8)		3,500( 34.32)	7.32
<b>60-6</b>	60-6					69.65	71.15	139.30	140.80	142.65						19,032( 186.6)	25,200( 247.0)		4,150( 40.70)	8.78
<b>80-2</b>	80-2					25.40	15.88	15.88	7.94	30.72				33.83	61.45	64.55	66.20		3.2	23.0
<b>80-3</b>	80-3	45.37	48.48	90.75	93.85					95.50			17,010( 166.8)	22,200( 217.7)	3,750( 36.77)	7.40				
<b>80-4</b>	80-4	60.02	63.13	120.05	123.15					124.00			22,680( 222.4)	29,600( 290.3)	4,950( 48.54)	9.84				
<b>80-5</b>	80-5	74.67	77.78	149.35	152.45					153.30			28,350( 278.0)	37,000( 362.8)	5,850( 57.37)	12.29				
<b>80-6</b>	80-6	89.32	92.43	178.65	181.75					182.60			34,020( 333.6)	44,400( 435.4)	7,350( 72.08)	14.73				
<b>100-2</b>	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	17,682( 173.4)		
<b>100-3</b>	100-3					55.90	58.85	111.80	114.75	116.50			26,523( 260.1)	34,500( 338.3)				5,750( 56.39)	11.38	
<b>100-4</b>	100-4					73.80	76.75	147.60	150.55	151.75			35,364( 346.8)	46,000( 451.1)				7,550( 74.04)	15.15	
<b>100-5</b>	100-5					91.70	94.65	183.40	186.35	187.55			44,205( 433.5)	57,500( 563.9)				8,950( 87.77)	18.91	
<b>100-6</b>	100-6					119.60	122.55	239.20	242.15	223.35			53,046( 520.2)	69,000( 676.7)				11,200( 109.83)	22.68	
<b>120-2</b>	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
<b>120-3</b>	120-3	70.60	74.00	141.20	144.60					146.10			38,118( 373.8)	48,000( 470.7)	7,750( 76.00)	16.74				
<b>120-4</b>	120-4	93.30	96.70	186.60	190.00					191.50			50,824( 498.4)	64,000( 627.6)	10,200( 100.03)	22.28				
<b>120-5</b>	120-5	116.00	119.40	232.00	235.40					236.90			63,530( 623.0)	80,000( 784.5)	12,050( 118.17)	27.83				
<b>120-6</b>	120-6	138.70	142.10	277.40	280.80					282.30			76,236( 747.6)	96,000( 941.4)	15,150( 148.57)	33.36				
<b>140-2</b>	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			
<b>140-3</b>	140-3					76.20	80.20	152.40	156.40	157.85			51,699( 507.0)	64,500( 632.5)				10,250( 100.52)	21.30	
<b>140-4</b>	140-4					100.65	104.65	201.30	205.30	206.75			68,932( 676.0)	86,000( 843.4)				13,500( 132.39)	28.33	
<b>160-2</b>	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	45,356( 444.8)	55,000( 539.4)	9,150( 89.73)	19.06	30		
<b>160-3</b>	160-3					90.95	95.65	181.90	186.60	188.85						68,034( 667.2)	82,500( 809.0)		13,500( 132.39)	28.50
<b>160-4</b>	160-4					120.20	124.90	240.40	245.10	247.35						90,712( 889.6)	110,000( 1078.7)		17,800( 174.56)	37.93
<b>200-2</b>	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	70,768( 694.0)	96,000( 941.4)	12,400( 121.60)	31.59	24		
<b>200-3</b>	200-3					111.25	118.25	222.50	229.50	232.40						106,152( 1041.0)	144,000( 1412.2)		18,250( 178.97)	47.29
<b>200-4</b>	200-4					147.05	154.05	294.10	301.10	304.00						141,536( 1388.0)	192,000( 1882.9)		24,050( 235.85)	62.95
<b>240-2</b>	240-2	76.20	47.63	47.63	23.81	92.10	99.50	184.10	191.60	194.80	9.5	72.4	87.8	102,054( 1000.8)	140,000( 1372.9)	17,150( 168.18)	48.10	40		
<b>240-3</b>	240-3					136.00	143.40	272.00	279.40	282.60						153,081( 1501.2)	210,000( 2059.4)		25,250( 247.62)	71.61
<b>240-4</b>	240-4					179.90	187.30	358.80	367.20	370.40						204,108( 2001.6)	280,000( 2745.9)		33,300( 326.56)	95.11

NOTES: - KCM25 offset link is 2-pitch type.  
 - Asterisk (\*) implies bush diameter.  
 - Connecting links links of KCM 25 to KCM 60 are clip type. (Both open and closed clips are available.)  
 - Connecting links of KCM 80 or larger models are split pin type.