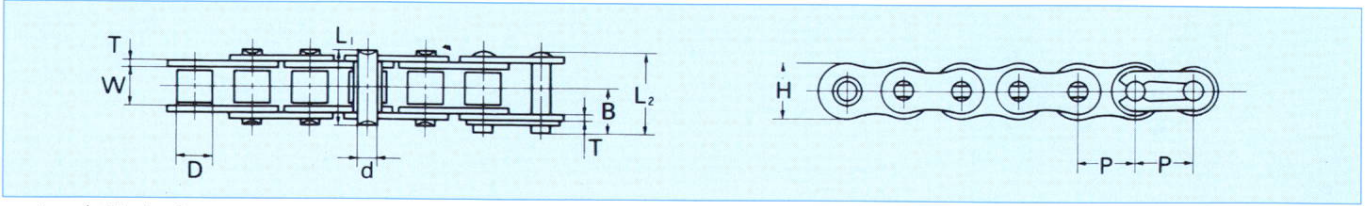


## Engine Chains

The KCM motorcycle chains are developed to improve fatigue strength and wear resistance, and manufactured under stringent quality control.



Dimensions (millimeters)

KCM Chain Number	Pitch P	Width between inner plates W	Roller diameter D	Pin				Link plate		Transverse pitch	Average Tensile strength kgf (kN)	Maximum Allowable Load kgf (kN)	Approx weight (kg/m)
				Diameter d	B	L <sub>1</sub>	L <sub>2</sub>	Thickness T (t)	Height H				
<b>KCM 210</b>	6.35	3.18	3.30	2.31	4.80	7.60	8.60	0.75	5.8	—	480( 4.7)	75(0.74)	0.13
<b>KCM 210H</b>	6.35	3.18	3.30	2.31	5.35	8.70	9.70	1.0	5.8	—	600( 5.9)	100(0.98)	0.16
<b>KCM 219F</b>	7.774	5.00	4.59	3.15	—	11.00	—	1.2 (1.0)	7.4	—	900( 8.8)	190(1.86)	0.32
<b>KCM 05T</b>	8.00	4.70	4.73	3.05	—	11.00	—	1.3 (1.0)	7.6	—	920( 9.0)	200(1.96)	0.37
<b>KCM 06B</b>	9.525	5.72	*6.35	3.28	7.5	12.20	13.60	1.3 (1.0)	8.1	—	1,000( 9.8)	270(2.65)	0.39
<b>KCM 06B-2</b>	9.525	5.72	*6.35	3.28	12.63	22.40	23.85	1.3 (1.0)	8.1	10.24	1,900(18.6)	450(4.41)	0.74

NOTES: • Fatigue strength is not applied to joint.  
• Figures marked with \* imply roller diameter.

## Standard Type

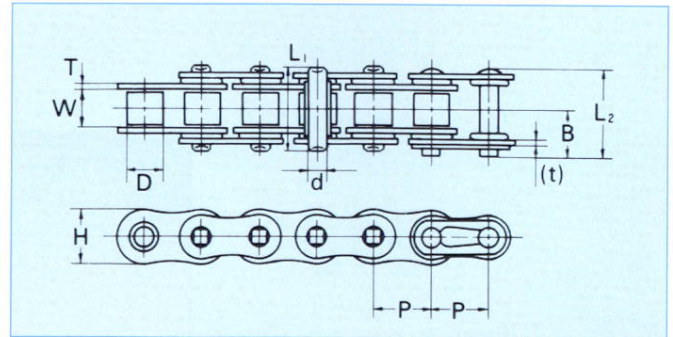
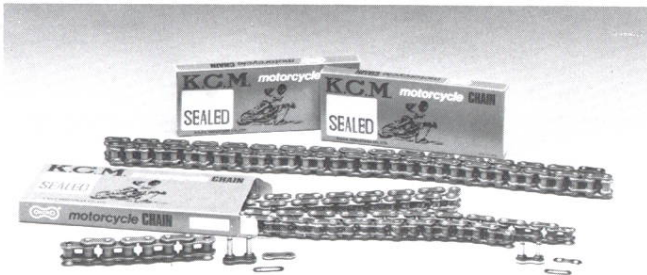
Dimensions (millimeters)

KCM 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)
				Diameter d	B	L <sub>1</sub>	L <sub>2</sub>	Thickness T	Height H			
<b>KCM 415 S</b>	12.70	4.80	7.77	3.97	7.90	12.80	14.30	1.5	11.7	1,850(18.1)	380(3.73)	0.51
<b>KCM 420</b>	12.70	6.35	7.77	3.97	8.70	14.40	15.90	1.5	11.7	1,850(18.1)	380(3.73)	0.55
<b>KCM 428</b>	12.70	7.95	8.50	4.51	9.55	16.10	17.60	1.5	11.7	1,900(18.6)	400(3.92)	0.64
<b>KCM 520</b>	15.875	6.35	10.16	5.09	9.95	16.95	18.40	2.0	14.6	3,050(29.9)	650(6.37)	0.89
<b>KCM 525</b>	15.875	7.95	10.16	5.09	10.75	18.55	20.00	2.0	14.6	3,050(29.9)	650(6.37)	0.95
<b>KCM 530</b>	15.875	9.53	10.16	5.09	11.60	20.30	21.75	2.0	14.6	3,050(29.9)	650(6.37)	1.01
<b>KCM 428H</b>	12.70	7.95	8.50	4.51	10.55	18.10	19.60	2.0	11.7	2,300(22.6)	450(4.41)	0.77
<b>KCM 520H</b>	15.875	6.35	10.16	5.09	10.75	18.55	20.00	2.4	14.6	3,700(36.3)	740(7.26)	1.03
<b>KCM 525H</b>	15.875	7.95	10.16	5.09	11.55	20.15	21.60	2.4	14.6	3,700(36.3)	740(7.26)	1.07
<b>KCM 530H</b>	15.875	9.53	10.16	5.09	12.45	21.95	23.40	2.4	14.6	3,700(36.3)	740(7.26)	1.15

NOTE: Fatigue strength is not applied to joint.

## SO and SLO Oil Seal Type

Those are highest quality drive chains in which KCM-developed lubricant is sealed with special O-ring to improve wear resistance.



Dimensions (millimeters)

KCM 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)
				Diameter d	B	L <sub>1</sub>	L <sub>2</sub>	Thickness T	Height H			
<b>KCM 520 SO</b>	15.875	6.35	10.16	5.18	11.35	20.10	21.40	2.0	15.0	3,150(30.9)	700( 6.86)	1.00
<b>KCM 530 SO</b>	15.875	9.53	10.16	5.18	13.05	23.50	24.80	2.0	15.0	3,150(30.9)	700( 6.86)	1.15
<b>KCM 520 HSO</b>	15.875	6.35	10.16	5.18	12.25	21.90	23.20	2.4	15.0	3,650(35.8)	900( 8.83)	1.16
<b>KCM 525 HSO</b>	15.875	7.95	10.16	5.18	13.05	23.50	24.80	2.4	15.0	3,650(35.8)	900( 8.83)	1.22
<b>KCM 530 HSO</b>	15.875	9.53	10.16	5.18	13.95	25.30	26.60	2.4	15.0	3,650(35.8)	900( 8.83)	1.28
<b>KCM 520 SLO</b>	15.875	6.35	10.16	5.40	12.45	22.30	23.60	2.6 (2.4)	15.2	4,200(41.2)	1,400(13.73)	1.31
<b>KCM 525 SLO</b>	15.875	7.95	10.16	5.40	13.25	23.90	25.20	2.6 (2.4)	15.2	4,200(41.2)	1,400(13.73)	1.34
<b>KCM 530 SLO</b>	15.875	9.53	10.16	5.40	14.15	25.70	27.00	2.6 (2.4)	15.2	4,200(41.2)	1,400(13.73)	1.43
<b>KCM 630 SLO</b>	19.05	9.53	11.91	5.96	14.15	25.70	27.00	2.4	18.5	5,000(49.0)	1,400(13.73)	1.59

NOTE: Fatigue strength is not applied to joint. Link plate is press fit.