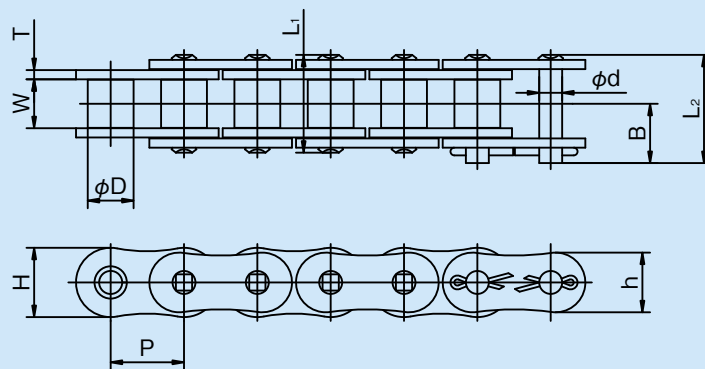


KCM LL (Long Life) Series high fatigue strength roller chains, made of high-strength steel and using refined link plate shape, are designed for improved fatigue strength and extended service life.



○ Dimensions

[Unit: mm]

KCM Chain No.	Pitch P	Width between Inner Plates W	Roller Dia. D	Pin				Link Plate			Ave. Tensile Strength kN (kgf)	Max. Allowable Load kN (kgf)	Approx. Weight (kg/m)	Links of 1 unit
				Dia. d	B	L <sub>1</sub>	L <sub>2</sub>	Thickness T	Height H	Height h				
<b>KCM 80LL</b>	25.40	15.88	15.88	7.94	19.30	32.40	35.50	3.2	24.0	20.6	84.3 ( 8,600)	18.63 (1,900)	2.81	120
<b>KCM 100LL</b>	31.75	19.05	19.05	9.54	23.17	40.45	43.40	4.0	30.0	25.8	127.5 (13,000)	30.40 (3,100)	4.26	96
<b>KCM 120LL</b>	38.10	25.40	22.23	11.11	28.62	50.45	53.85	4.8	36.0	31.0	191.2 (19,500)	39.23 (4,000)	6.30	80
<b>KCM 60HLL</b>	19.05	12.70	11.91	5.96	17.05	28.70	31.40	3.2	18.0	15.5	56.9 ( 5,800)	12.75 (1,300)	1.79	160
<b>KCM 80HLL</b>	25.40	15.88	15.88	7.94	20.90	35.60	38.70	4.0	24.0	20.6	98.1 (10,000)	20.59 (2,100)	3.29	120
<b>KCM 100HLL</b>	31.75	19.05	19.05	9.54	24.67	43.45	46.40	4.8	30.0	25.8	147.1 (15,000)	32.36 (3,300)	4.88	96
<b>KCM 120HLL</b>	38.10	25.40	22.23	11.11	30.25	53.70	57.10	5.6	36.0	31.0	196.1 (20,000)	42.17 (4,300)	6.94	80

NOTES: - Chains of LL Series are rivet type.  
 - Connecting link plate is press-in type with split pin.  
 - Offset link is not available.  
 - **Sprockets:** LL series can be used with KCM standard sprocket.