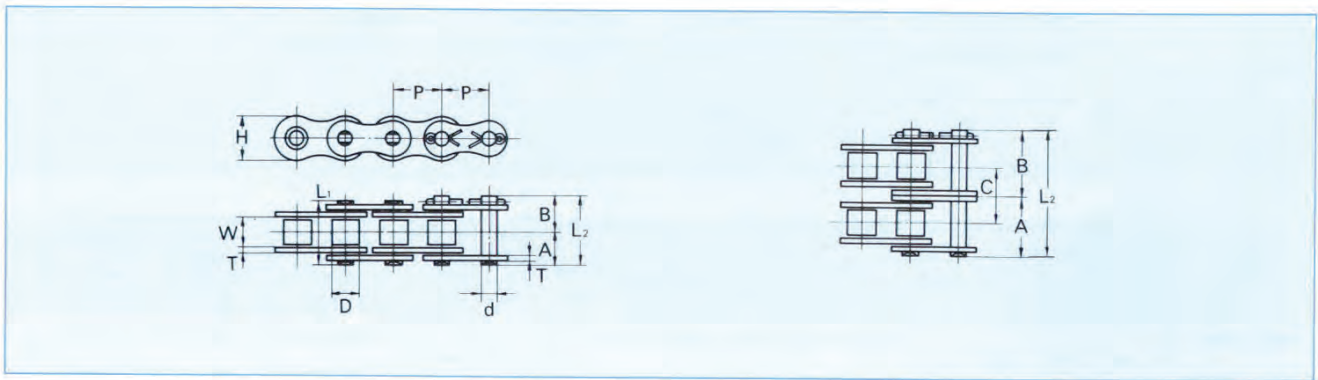


HE-Series high-strength roller chains are designed for extra strength and resistance to fatigue higher than those of H-type. The HE-Series is best suited for heavy-duty power transmission with significant loading variations.



Dimensions (millimeters)

KCM Chain Number	Pitch P	Width between inner plates W	Roller diameter D	Pin					Link plate		Transverse pitch C	Average Tensile strength kgf (kN)	Maximum Allowable Load kgf (kN)	Approx weight (kg/m)	Links of 1 unit
				Diameter d	A	B	(A + A) L ₁	(A + B) L ₂	Thick-ness T	Height H					
KCM 40HE	12.70	7.95	7.95	3.97	9.05	10.55	18.10	19.60	2.0	11.7	16.4	2,400 (23.5)	430 (4.22)	0.73	240
KCM 40HE-2					17.25	18.75	34.50	36.00				4,800 (47.1)	730 (7.16)		
KCM 50HE	15.875	9.53	10.16	5.09	10.98	12.42	21.95	23.40	2.4	14.6	19.6	3,700 (36.3)	680 (6.67)	1.43	192
KCM 50HE-2					20.78	22.22	41.55	43.00				7,400 (72.6)	1,150 (11.28)		
KCM 60HE	19.05	12.70	11.91	5.96	14.25	15.75	28.50	30.00	3.2	17.5	26.1	5,700 (55.9)	1,000 (9.81)	1.77	160
KCM 60HE-2					27.30	28.80	54.60	56.10				11,400 (111.8)	1,700 (16.67)		
KCM 80HE	25.40	15.88	15.88	7.94	17.70	20.80	35.40	38.50	4.0	23.0	32.6	9,500 (93.2)	1,700 (16.67)	2.96	120
KCM 80HE-2					34.00	37.10	68.00	71.10				19,000 (186.3)	2,890 (28.34)		
KCM 100HE	31.75	19.05	19.05	9.54	21.71	24.68	43.45	46.40	4.8	28.9	39.1	14,600 (143.2)	2,650 (25.99)	4.17	96
KCM 100HE-2					41.27	44.23	82.55	85.50				29,200 (286.4)	4,500 (44.13)		
KCM 120HE	38.10	25.40	22.23	11.11	26.85	30.25	53.70	57.10	5.6	35.0	48.9	19,500 (191.2)	3,400 (33.34)	6.28	80
KCM 120HE-2					51.30	54.70	102.60	106.00				39,000 (382.5)	5,780 (55.68)		
KCM 140HE	44.45	25.40	25.40	12.71	28.95	32.95	57.90	61.90	6.4	40.7	52.2	25,000 (250.1)	4,500 (44.13)	7.83	68
KCM 140HE-2					55.05	59.05	110.10	114.10				51,000 (500.1)	7,650 (75.02)		

NOTES: • Connecting links of KCM 40H to KCM 60H are clip type.
 • Single strand chain can be used with KCM standard sprocket.
 • Multiple strand chain is separately manufactured because center-to-center distance of rollers "C" is different from that of standard type.
 • Offset link is not available