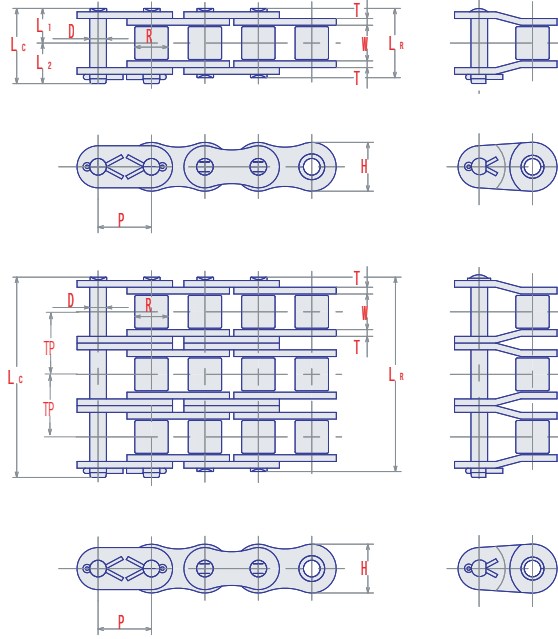


Oil-Field Chains (E Series)

HKK Oil-field chains are manufactured in accordance with ANSI, API standards, and officially approved by The American Petroleum Institute for high quality, reliability and long trouble-free service life. Used in oil-field drilling and producing operations such as hoisting, pumping and drawworks.

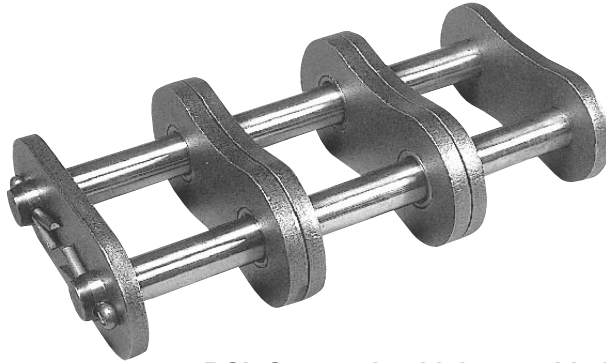
HKK E & HE-series roller chains are manufactured in the same standards as oil-field chains.



E TYPE

HKK Chain No.	Dimensions - mm									Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin		Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length L1 L2	Height H	Thick. T					
HKK 80E	25.4	15.88	15.88	7.93	16.4	19.1	23.4	3.2	29.3	79.4	18.4	2.52
HKK 80E-2					30.8	33.7				159	26.7	5.10
HKK 80E-3					45.5	48.6				238	39.3	7.68
HKK 80E-4					60.2	63.3				318	51.8	10.25
HKK 80E-5					74.9	77.9				397	61.2	12.84
HKK 80E-6					89.6	92.5				476	72.2	15.42
HKK 80E-8					118.8	121.8				635	97.3	20.58
HKK 100E					31.75	19.05				19.05	9.53	19.7
HKK 100E-2	37.6	41.2	238	40.8			7.74					
HKK 100E-3	55.5	59.1	357	60.0			11.58					
HKK 100E-4	73.7	77.1	476	79.2			15.40					
HKK 100E-5	91.5	95.1	595	93.6			19.26					
HKK 100E-6	109.4	113.0	714	110			23.10					
HKK 100E-8	145.2	148.9	952	149			30.81					
HKK 100E-10	181.0	184.7	1190	180			38.54					
HKK 120E	38.10	25.40	22.23	11.10	24.8	28.6	35.1	4.8	45.4	174	38.0	5.76
HKK 120E-2					47.5	51.3				348	54.2	11.49
HKK 120E-3					70.2	74.0				522	79.8	17.20
HKK 120E-4					93.1	96.9				696	105	22.92
HKK 120E-5					115.8	119.6				870	124	28.65
HKK 120E-6					138.5	142.3				1044	147	34.36
HKK 120E-8					183.8	187.9				1392	198	45.81
HKK 120E-10					229.2	233.3				1740	239	57.38

Oil-Field Chains (E Series)



**BCL Connecting Links provided with
press-fit type chains**

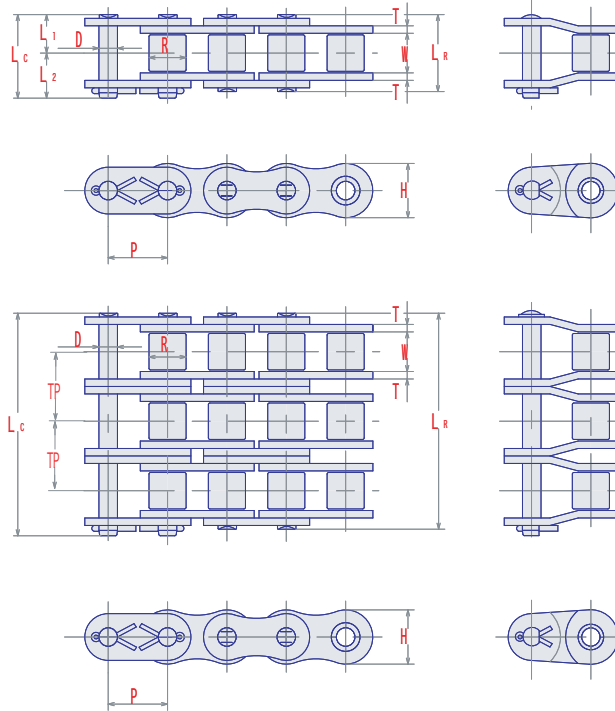


E TYPE

HKK Chain No.	Dimensions - mm									Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin		Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length L1 L2		Height H		Thick. T			
HKK 140E	44.45	25.40	25.40	12.70	27.0	31.3	40.9	5.6	-	227	50.3	7.41
HKK 140E-2					51.5	55.7			48.9	454	73.2	14.63
HKK 140E-3					75.9	80.4			681	108	21.91	
HKK 140E-4					100.6	104.9			908	142	29.17	
HKK 140E-5					125.1	129.3			1135	168	36.45	
HKK 140E-6					149.5	153.8			1362	198	43.72	
HKK 140E-8					198.3	202.8			1816	267	58.28	
HKK 160E					50.80	31.75			28.58	14.28	32.2	36.5
HKK 160E-2	61.4	65.8	58.5	588			95.0	19.45				
HKK 160E-3	90.7	95.0	882	140			29.17					
HKK 160E-4	120.2	124.5	1176	184			38.77					
HKK 160E-6	149.4	153.9	1764	257			58.08					
HKK 180E	57.15	35.70	35.70	17.45			36.3	42.1			52.5	7.2
HKK 180E-2					69.1	74.9	65.8	726	102	26.62		
HKK 180E-3					102.3	107.9	1089	150	39.85			
HKK 180E-4					135.1	140.8	1452	197	53.08			
HKK 200E	63.50	38.10	39.67	19.83	39.3	47.7	59.8	8.0	-	470	82.3	16.93
HKK 200E-2					75.1	83.6			71.6	940	130	33.73
HKK 200E-3					110.9	119.3			1410	191	50.53	
HKK 200E-4					146.7	155.7			1880	252	67.34	
HKK 240E	76.20	47.63	47.63	23.78	48.2	55.9	70.3	9.5	-	677	112.8	23.64
HKK 240E-2					92.1	99.7			87.8	1354	179	47.13
HKK 240E-3					136.0	143.6			2031	263	70.61	
HKK 240E-4					179.9	187.5			2708	347	94.09	

Oil-Field Chains (HE Series)

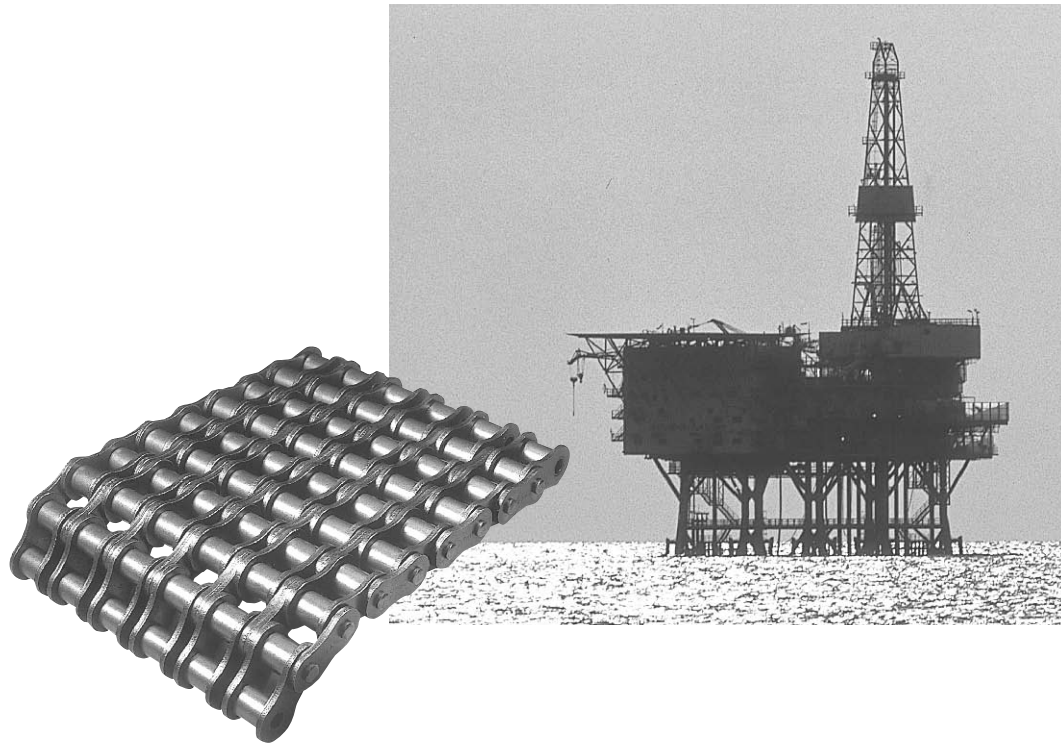
HKK Heavy series roller chains are designed with thicker side plates to insure greater capacity for absorbing shock loads without fatigue failure of side plates. Also manufactured to close tolerances in accordance with ANSI specifications and are mainly used for applications where space and design limitations prohibit the use of a large size roller chain, and yet greater load carrying capacities are needed in oil-filed drilling operations.



HE TYPE

HKK Chain No.	Dimensions - mm									Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin		Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length	Height	Thick.					
P	W	R	D	L1	L2	H	T	TP	kN	kN	kg/m	
HKK 80HE	25.4	15.88	15.88	7.93	17.8	21.1	23.4	4.0	-	93.2	18.4	2.80
HKK 80HE-2					34.2	37.1			32.6	186	28.4	5.54
HKK 80HE-3					50.5	53.5				280	41.8	8.26
HKK 80HE-4					66.8	69.9				373	55.1	10.98
HKK 80HE-5					83.1	86.2				466	65.1	13.71
HKK 80HE-6					99.4	102.5				559	76.8	16.43
HKK 80HE-8					132.0	135.1				746	104	21.88
HKK 100HE	31.75	19.05	19.05	9.53	21.1	24.6	29.3	4.8	-	142	28.3	4.14
HKK 100HE-2					40.8	44.2			39.1	284	45.1	8.20
HKK 100HE-3					60.4	64.0				426	66.3	12.26
HKK 100HE-4					79.7	83.5				568	87.5	16.33
HKK 100HE-5					99.3	103.0				710	103	20.39
HKK 100HE-6					119.1	122.7				852	122	24.45
HKK 100HE-8					158.2	161.8				1136	164	32.58
HKK 100HE-10					197.3	200.9				1420	199	40.70
HKK 120HE	38.10	25.40	22.23	11.10	26.3	30.7	35.1	5.6	-	191	38.0	5.83
HKK 120HE-2					51.0	55.1			48.9	382	58.3	11.56
HKK 120HE-3					75.3	79.3				573	85.8	17.29
HKK 120HE-4					99.6	104.1				764	113	23.02
HKK 120HE-5					123.9	128.7				955	134	28.75
HKK 120HE-6					148.8	152.7				1146	158	34.48
HKK 120HE-8					197.7	202.0				1528	213	45.94
HKK 120HE-10					246.6	250.9				1910	257	57.40

Oil-Field Chains (HE Series)



HE TYPE

HKK Chain No.	Dimensions - mm									Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch	Roller		Pin		Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length	Height	Thick.					
	P	W	R	D	L1	L2	H	T	TP			
HKK 140HE	44.45	25.40	25.40	12.70	28.5	33.1	40.9	6.4	-	252	50.3	8.41
HKK 140HE-2					54.7	59.3			52.2	504	76.7	16.59
HKK 140HE-3					80.9	85.5			756	113	24.77	
HKK 140HE-4					107.0	111.7			1008	149	32.96	
HKK 140HE-5					133.1	137.8			1260	176	41.15	
HKK 140HE-6					159.2	163.9			1512	207	49.33	
HKK 140HE-8					211.4	216.1			2016	280	65.78	
HKK 160HE					50.80	31.75			28.58	14.28	33.9	39.1
HKK 160HE-2	64.9	70.0	61.9	638			100	21.21				
HKK 160HE-3	95.9	100.9	957	147			31.54					
HKK 160HE-4	126.9	131.9	1276	194			41.89					
HKK 160HE-6	188.8	193.8	1914	270			62.58					
HKK 180HE	57.15	35.70	35.70	17.45			37.9	43.5			52.5	8.0
HKK 180HE-2					72.1	77.7	68.6	882	121	30.06		
HKK 180HE-3					106.4	112.3	1323	179	44.94			
HKK 180HE-4					140.7	146.7	1764	236	59.83			
HKK 200HE	63.50	38.10	39.67	19.83	42.5	50.8	59.8	9.5	-	559	82.3	17.85
HKK 200HE-2					81.6	90.4			78.3	1118	138	35.20
HKK 200HE-3					120.7	129.6			1677	204	52.53	
HKK 200HE-4					159.9	168.7			2236	269	69.94	
HKK 240HE	76.20	47.63	47.63	23.78	55.6	62.0	70.3	12.7	-	883	112.8	32.29
HKK 240HE-2					105.8	113.1			101.2	1766	192	62.06
HKK 240HE-3					156.3	163.8			2649	283	91.82	
HKK 240HE-4					207.0	214.3			3532	373	121.58	