

- QUICK REFERENCE GUIDE**
- Oil Impregnated Sintered Steel Bushings
  - Ideal in Hard To Reach Applications That Can't Be Re-Lubed
  - Sintered Bushings Releases Lube

HKK self-lubricating chains are manufactured with oil impregnated sinter steel bushings. No additional lubrication is necessary. The sintered steel bushings release lubrication slowly while the chain is in operation to allow continuous lubrication in applications where re-lubrication is not practical. The sintered bushing keeps lubrication in the critical bearing area of the pin and bushing where it's needed. Self-lube chains are recommended for dry applications with little or no shock load. Applications temperatures should be between 10°F and 140°F. Self-lubricating chain can be manufactured in one of three different ways.

### SL Series

HKK SL series self-lube chains are roller-less and manufactured with oversized bushings that operate on standard sprockets. SL series bushings are larger than SLR bushings and hold more lubrication.

### SLR Series

SLR series chains have rollers over the sintered bushing for smoother operation. SLR series chains are available in two different strengths and dimensions.

### SLR Conveyor Series

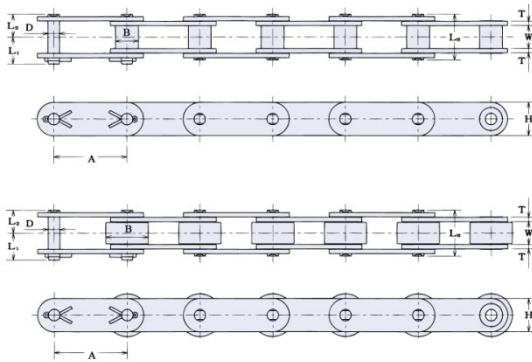
HKK SLR conveyor series chains are dimensionally the same as the standard ANSI version. These chains have a lower maximum allowable load than standard chains.

### SLR Drive Series

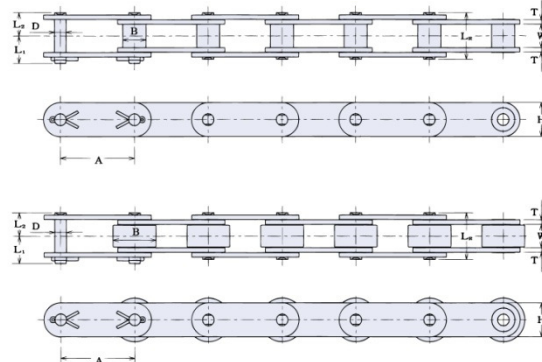
HKK SLR drive series chains are dimensionally different than standard ANSI chains. The side plates are dimensionally larger to increase the working load to that of standard ANSI series chain. HKK SLR chains are not interchangeable with standard chains and may not be interchangeable with other manufactures self-lube chains.

**Self-lubricating limitations;** Do not use in wet environments. Dusty environments will absorb lubrication from bushings. Do not use in temperatures over 175°F. Once lubrication from sintered bushing is depleted, rapid chain wear will occur. Self-lube sintered bushings are not suited for high shock load applications.

Self Lube Standard  
SLR Conveyor/SLR Drive



Self Lube Double



Self Lube Standard



SLR Standard





# Self Lube Chain

HKK Self Lube Chain Number	Pitch	Roller		Pin	Plate		Overall Width		Transverse Pitch	Maximum Allowable Load (lbs)	Average Ultimate Strength (lbs)	Average Weight Per Foot (lbs)
		Dia.	Width	Dia.	Height	Thickness						
	A	B	W	D	H	T	L1	L2	G			
HKK 40SL HKK 40-2SL	1/2	.312	.303	.156	.472	.060	.327 .606	.378 .661	- .567	660 1130	2850 5700	.42 .87
HKK 50SL HKK 50-2SL	5/8	.400	.370	.200	.594	.080	.402 .756	.465 .819	- .713	1100 1870	4400 8800	.69 1.41
HKK 60SL HKK 60-2SL	3/4	.469	.492	.234	.717	.094	.504 .945	.555 1.012	- .898	1540 2600	6375 12,750	.98 2.01
HKK 80SL HKK 80-2SL	1	.625	.622	.312	.949	.125	.646 1.213	.732 1.327	- 1.154	2650 4500	11,450 22,900	1.74 3.49
HKK 100SL HKK 100-2SL	1-1/4	.750	.748	.375	1.189	.156	.776 1.480	.917 1.622	- 1.409	3980 6750	18,500 37,000	2.54 5.30
HKK 120SL HKK 120-2SL	1-1/2	.875	1.00	.437	1.425	.187	.976 1.870	1.126 2.020	- 1.787	5730 9720	26,480 52,960	3.75 7.72
HKK 140SL HKK 140-2SL	1-3/4	1.000	1.00	.500	1.661	.219	1.063 2.028	1.232 2.193	- 1.925	7700 1310	36,360 72,720	5.10 9.88
HKK 160SL HKK 160-2SL	2	1.125	1.252	.562	1.902	.250	1.268 2.417	1.437 2.579	- 2.303	9900 16,830	47,350 94,700	6.60 13.10
Double Pitch												
HKK C2040SL	1	.312	.312	.156	.472	.060	.327	.378	-	660	2850	.32
HKK C2050SL	1-1/4	.400	.375	.200	.591	.080	.402	.465		1100	4400	.55
HKK C2060SL	1-1/2	.469	.500	.234	.713	.094	.504	.555		1540	6375	.80
HKK C2080SL	2	.625	.625	.312	.949	.125	.776	.732		2650	11,450	1.33
Double Pitch Carrier Roller												
HKK C2042SL	1	.625	.312	.156	.472	.060	.327	.378	-	660	2850	.55
HKK C2052SL	1-1/4	.750	.375	.200	.591	.080	.402	.465		1100	4400	.84
HKK C2062SL	1-1/2	.875	.500	.234	.713	.094	.504	.555		1540	6375	1.19
HKK C2082SL	2	1.125	.625	.312	.949	.125	.776	.732		2650	11,450	2.03



# Self Lube Chain

HKK SLR Conveyor Series Chain	Pitch	Roller		Pin	Plate		Overall Width		Transverse Pitch	Maximum Allowable Load (lbs)	Average Ultimate Strength (lbs)	Average Weight Per Foot (lbs)
		Dia.	Width	Dia.	Height	Thickness						
	A	B	W	D	H	T	L1	L2	G			
HKK 40SLR C HKK 40-2SLR C	1/2	.312	.313	.156	.472	.060	.327 .614	.386 .673	- .567	815 1050	3520 7040	.40 .73
HKK 50SLR C HKK 50-2SLR C	5/8	.400	.375	.200	.594	.080	.406 .772	.472 .831	- .713	1400 1840	5720 11,440	.67 1.27
HKK 60SLR C HKK 60-2SLR C	3/4	.469	.500	.234	.717	.094	.511 .972	.571 1.031	- .898	1935 2510	8370 16,740	1.00 1.88
HKK 80SLR C HKK 80-2SLR C	1	.625	.625	.312	.949	.125	.650 1.224	.767 1.354	- 1.154	3300 4280	14,300 28,500	1.67 3.29
HKK 100SLR C HKK 100-2SLR C	1-1/4	.750	.750	.375	1.189	.156	.783 1.484	.913 1.630	- 1.409	5070 6600	22,440 44,880	2.62 5.10
HKK 120SLR C HKK 120-2SLR C	1-1/2	.875	1.00	.437	1.425	.187	.980 1.878	1.114 2.043	- 1.787	6820 8860	35,230 70,460	3.89 7.46
Double Pitch												
HKK C2040 SLR C	1	.312	.312	.156	.472	.060	.327	.402	-	600	3530	.36
HKK C2050 SLR C	1-1/4	.400	.375	.200	.591	.080	.402	.480	-	970	5720	.54
HKK C2060H SLR C	1-1/2	.469	.500	.234	.713	.125	.575	.665	-	1410	8370	.94
HKK C2080H SLR C	2	.625	.625	.312	.949	.156	.704	.831	-	2400	14,300	1.61
HKK C2100H SLR C	2-1/2	.750	.750	.37	1.134	.189	.843	.992	-	3840	22,400	2.35
Double Pitch Carrier Roller												
HKK C2042 SLR C	1	.625	.312	.156	.472	.060	.327	.402	-	600	3530	.55
HKK C2052 SLR C	1-1/4	.750	.375	.200	.591	.080	.402	.480	-	970	5720	.85
HKK C2062H SLR C	1-1/2	.875	.500	.234	.713	.125	.575	.665	-	1410	8370	1.40
HKK C2082H SLR C	2	1.125	.625	.312	.949	.156	.704	.831	-	2400	14,300	2.26
HKK C2102H SLR C	2-1/2	1.562	.750	.375	1.134	.189	.843	.992	-	3840	22,400	3.79

HKK SLR Drive Series Chain	Pitch	Roller		Pin	Plate		Overall Width		Transverse Pitch	Maximum Allowable Load (lbs)	Average Ultimate Strength (lbs)	Average Weight Per Foot (lbs)
		Dia.	Width	Dia.	Height	Thickness						
	A	B	W	D	H	T	L1	L2	G			
HKK 40SLR DR HKK 40-2SLR DR	1/2	.312	.313	.156	.472	.060	.346 .654	.402 .709	- .614	820 1055	4290 8580	.42 .87
HKK 50SLR DR HKK 50-2SLR DR	5/8	.400	.375	.200	.594	.080	.421 .799	.484 .862	- .756	1410 1840	7160 14,320	.73 1.34
HKK 60SLR DR HKK 60-2SLR DR	3/4	.469	.500	.234	.717	.094	.539 1.031	.602 1.090	- .980	1940 2500	9680 19,350	1.14 2.21
HKK 80SLR DR HKK 80-2SLR DR	1	.625	.625	.312	.949	.125	.673 1.283	.799 1.413	- 1.224	3300 4280	17,620 35,320	1.81 3.42
HKK 100SLR DR HKK 100-2SLR DR	1-1/4	.750	.750	.375	1.189	.156	.807 1.547	.957 1.697	- 1.480	5070 6600	26,500 52,960	2.88 5.50
HKK 120SLR DR HKK 120-2SLR DR	1-1/2	.875	1.00	.437	1.425	.187	1.008 1.952	1.165 2.110	- 1.890	6830 8860	37,480 74,950	4.03 7.86