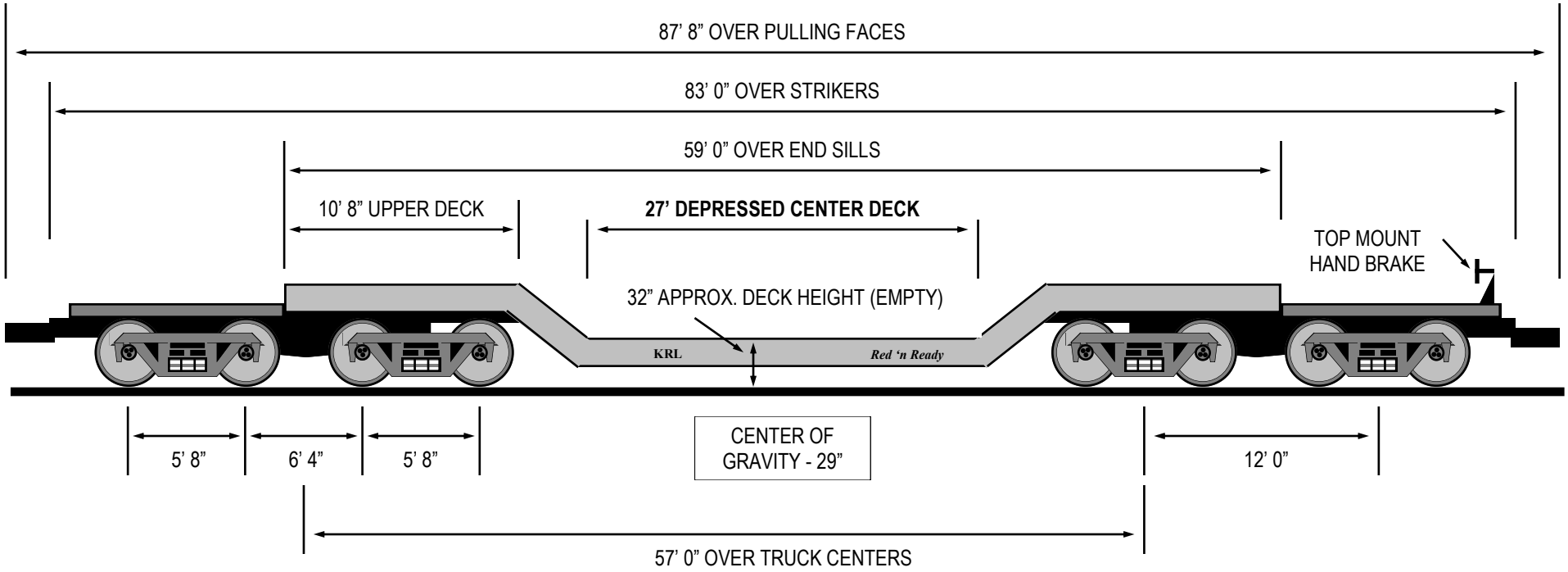
KRL 27800-27805



LENGTH OF LADING (ft)	LOAD LIMITS (lbs)	CAR NUMBERS	LOAD LIMITS (lbs)	LIGHT WEIGHTS (lbs)	MAXIMUM GROSS (lbs)	SPRING TRAVEL (in)	DECK LENGTH (ft-in)	DECK HEIGHT (ft-in)	JOURNAL SIZE BEARING TYPE
2	258,000	**27800-27805**	300,000	140,000	440,000	3 11/16”	27’ 0”	2’ 8”	6 X 11
6	267,000					WHEEL DIAMETER (in)	DECK WIDTH (ft-in)	DRAFT GEAR	
10	277,000								
14	288,000					33”	9’ 4”	15” EOC	
18 & OVER	LOAD LIMIT								

KRL 27800-27805
150 Ton - 27’ Depressed Deck Flat Car
Drawing No. A19672, Rev. A

GENERAL NOTES:

NO CUTTING, WELDING, OR BURNING ALLOWED IN DECK TRANSITION AREAS EITHER END OF RAILCAR.

COOPER RATING
KASGRO RAIL CORP
KRL 27800-27805

LOAD	AXLE SPACING
55	5.67
55	6.33
55	5.67
55	39.33
55	5.67
55	6.33
55	5.67
55	0

SPAN	BENDING		END SHEAR		FLOOR BEAM REACTION	
FT	FT-KIPS	E	KIPS	E	KIPS	E
6	82	55.0	57	48.5	58	43.5
8	110	54.9	70	50.6	82	47.1
10	141	50.2	78	51.7	99	49.5
12	192	48.1	83	47.5	110	47.1
13	219	46.0	87	46.9	118	48.1
14	248	45.0	95	49.2	126	48.2
15	289	46.2	98	49.0	132	48.3
16	330	47.2	104	49.0	138	48.4
18	413	48.5	109	46.6	147	48.3
20	495	48.0	122	48.6	154	47.0
25	737	48.3	142	49.8	167	44.2
30	1008	49.1	154	49.0	176	40.8
35	1281	49.0	162	46.8	182	37.4
40	1554	47.4	171	45.3	187	34.5
45	1827	45.7	176	43.1	191	32.0
50	2101	44.4	181	41.3	199	30.8
60	2649	40.9	190	38.6	231	30.1
70	3198	37.5	206	37.3	261	29.4
80	3747	34.6	233	37.5	283	28.3
90	4322	32.3	256	37.3	301	27.4
100	5155	31.9	274	36.5	315	26.4
110	6216	31.1	290	35.9	326	25.5
120	7284	31.6	302	34.7	336	24.5
130	8357	30.7	314	33.9	344	23.7
140	9434	30.3	321	32.7	350	22.7
150	10513	30.0	329	32.0	356	21.9
160	11595	29.0	336	30.7	362	20.9
170	12680	28.3	340	29.9	366	20.2
180	13766	27.8	348	28.9	370	19.4
200	15943	26.7	356	27.2	377	17.9
225	18668	25.5	367	25.4	384	16.4
250	21400	24.2	374	23.8	390	15.1
275	24134	23.0	379	22.3	394	14.0
300	26871	21.9	385	21.0	398	13.0
350	32351	19.8	391	18.7	404	11.4
400	37836	18.0	398	17.0	409	10.1