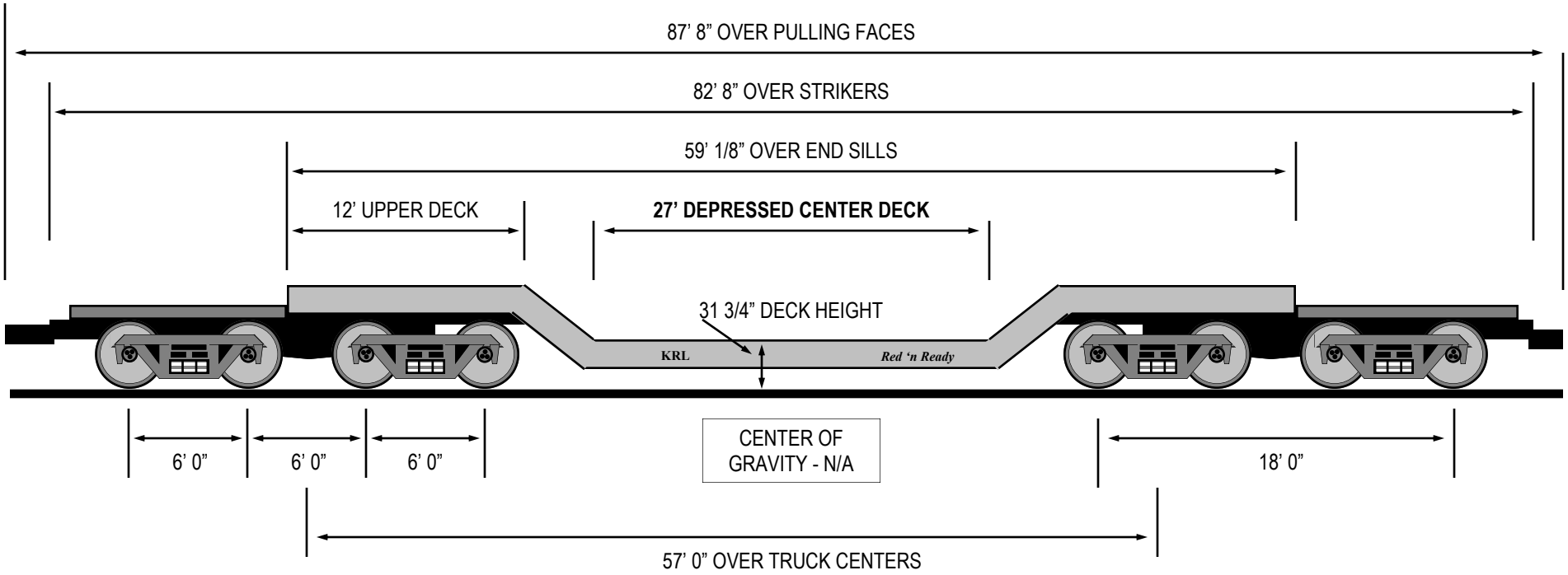
KRL 27840—27841



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
N/A	N/A	**27840** **27841**	467,800 “	162,200 “	630,000 “		27’ 0”	2’ 7 3/4”	7 X 12 ROLLER
						WHEEL DIAMETER (in)	DECK WIDTH (ft-in)	DRAFT GEAR	
						38”	9’ 4”	15” EOC	

KRL 27840—27841
232 Ton - 27’ Depressed Deck Flat Car
Drawing No. A19683

GENERAL NOTES:

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

COOPER RATING
KASGRO RAIL CORP
27840-27841

LOAD	AXLE SPACING
71.5	6
71.5	6
71.5	6
71.5	39
71.5	6
71.5	6
71.5	6
71.5	0

SPAN	BENDING		END SHEAR		FLOOR BEAM REACTION	
FT	FT-KIPS	E	KIPS	E	KIPS	E
6	107	71.5	71	60.5	72	53.6
8	143	71.5	89	64.5	107	61.1
10	179	63.6	97	64.6	128	64.2
12	241	60.3	106	60.8	143	61.3
13	275	57.9	115	62.2	154	62.6
14	322	58.5	122	63.4	163	62.7
15	375	60.1	127	63.3	172	62.8
16	429	61.3	133	62.6	179	62.9
18	536	63.1	142	60.8	191	62.8
20	643	62.4	157	62.6	200	61.1
25	955	62.6	177	62.4	217	57.5
30	1308	63.8	199	63.3	229	53.0
35	1663	63.6	211	61.1	237	48.6
40	2018	61.6	219	58.2	243	44.9
45	2374	59.3	225	55.1	248	41.6
50	2730	57.7	234	53.5	259	40.0
60	3443	53.2	243	49.3	300	39.1
70	4156	48.7	268	48.5	339	38.2
80	4870	45.0	303	48.7	368	36.9
90	5620	42.0	333	48.6	391	35.6
100	6693	41.4	356	47.5	409	34.3
110	8072	40.4	373	46.1	424	33.2
120	9462	41.0	393	45.2	436	31.9
130	10856	39.9	403	43.5	447	30.8
140	12257	39.4	418	42.5	456	29.5
150	13661	39.0	428	41.6	463	28.5
160	15068	37.7	437	39.9	470	27.2
170	16479	36.8	443	38.8	476	26.3
180	17890	36.2	452	37.6	481	25.2
200	20721	34.8	463	35.3	490	23.3
225	24264	33.1	473	32.8	500	21.3
250	27817	31.5	483	30.7	507	19.6
275	31371	29.9	493	29.0	513	18.2
300	34930	28.5	497	27.2	518	16.9
350	42053	25.7	508	24.4	525	14.8
400	49185	23.4	517	22.1	531	13.1