



FOR WHEEL BASE
DIAGRAM OF ENGS
EQUIPPED WITH
CLASS 2 TENDERS
SEE PG 30 A-D

WEIGHTS-POUNDS

CONSTRUCTION	LOADED					TOTAL ON DRIVERS LOADED	ENGINE		TENDER		ENGINE & TENDER	
	ENG. TRUCK	1 ST DRIVER	2 ND DRIVER	3 RD DRIVER	4 TH DRIVER		LOADED	LIGHT	LOADED	LIGHT	LOADED	LIGHT
ORIGINAL	30,500	58,600	59,760	59,260	59,780	237,400	267,900	235,400	177,300	72,300	445,200	307,700
SYPHONS	30,500	58,600	60,310	59,810	60,330	239,050	269,550	236,425	177,300	72,300	446,850	308,725
STOKERS	30,500	58,600	61,550	61,050	61,570	242,770	273,270	240,770	180,060	75,060	453,390	315,830
SYPHONS & STOKERS	30,500	58,600	62,100	61,600	62,120	244,420	274,920	241,795	180,060	75,060	454,980	316,855

HEATING SURFACE SQ. FT.				BOILER INSIDE DIA. 1 ST RING		DRIVING AXLE JOURNALS MAIN	
WITHOUT SYPHONS		WITH SYPHONS		82"		11" X 22"	
NO	NO	NO	NO	FIREBOX SIZE		OTHERS 10" X 13"	
2" TUBES	293	2325	291	114 1/2" X 84 1/2"		ENG. TRUCK JOURNALS 6" X 12"	
5 3/8" FLUES	43	968	43	GRATE AREA SQ. FT. 66.6		TENDER TRUCK JOURNALS 6" X 11"	
FIREBOX		253		LENGTH BOILER TUBES & FLUES 15'-6"			
3" ARCH TUBES	4	28.4	2	VALVE GEAR - WALSCHAERT			
SYPHON			2	LOCQ. SUPER'ER CO. SUPERHEATER			
TOTAL		3574.4		ENG. DESIGNED FOR 17° CURVE			
SUPERHEATER		776		MAXIMUM HEIGHT 15'-6"		OTHER DATA ON PAGE 29	
				WIDTH 10'-11"		CONSOLIDATION - 6051-6070	