

Steam, Diesel, Electric and Turbine Locomotive data

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Home	Topic List	Locomotive Menu	Locom Builders	Glossary-Electric Loco
Loco Type (Diesel, Elec, Steam...)	D		Diesel	
Railroad Developed for (Code+RR)				
Railroad Locomotive Class		RR Locomotive #		
Mfg Code + Mfg Name	ALCO	Alco		
Market (1-U.S., 2-Canada, 3-Export)	1-U.S.			
Frame Type: Diesel/Steam	Hood Unit			
Usage-Primary	Road Switcher			
Gauge				
Loco Name (Shark..)				
Mfg Model Family	C			
Model # (Alpha/Num)	C630			
Model # (Prefix or Suffix code)	Century	Century Series with ALCO 251 engine		
Model # (numeric to seq Mfg Mdl#)	630	Steam Loco Whyte Wheel:		
Mfg Specification/Plan#	DL-630	Whyte#1		If "2-8-2" enter "2"
Whyte (4-4-0; B-B, etc)	C-C	# Driver sets	Whyte#2	If "2-8-2" enter "-"
# Driving Wheels/Tot Eng Wheels	12	12	Whyte#3	If "2-8-2" enter "8"
Engine Mfg name			Whyte#4	If "2-8-2" enter "-"
Engine Model# (Diesel locos...)	251E		Whyte#5	If "2-8-2" enter "2"
Engine Model# Prefix			Whyte#6	if "2-8-2T" enter "T"
Engine Model# Suffix			Whyte#7	if "2-8-8-2" enter "2"
Emission Control Std (Tier 0-Tier 4)			Whyte#8	if "2-8-8-8-2" enter "-"
Emission Control Std (Tier 0-Tier 4)			Whyte#9	if "2-8-8-8-2" enter "8"
Cylinders/Engine	16		Whyte#10	if "2-8-8-8-2" enter "-"
Engines per locomotive	1		Whyte#11	if "2-8-8-8-2" enter "2"
Horsepower Continuous/Short term	3,000			
Tractive Effort: w/o Booster		Starting/1 hr		C-C
Tractive Effort: Booster engine		Steam engine only		
Tractive Effort: Total (Continuous)	79,500	Starting/1 hr	85,850	
Boiler Pressure (lbs/psi)				
Cylinder Type: 1-Simple, 2-Compound		Cylinder Pairs, # of		
Cylinders Low Pressure=Compound	High Pressure cyl	Low Pressure Cyl		Specify LP for Compound
Cylinders: (diameter in inches)				Specify LP for Compound
Cylinders: (stroke in inches)				
Driving Wheels Diameter (inches)				
Firebox Grate Area (sq ft)				
Heating/Evap Surface area (tot sqft)				
Superheater Surface area (Sqft)		Tubes + Firebox total		
Weight of Loco w/Tender (lbs)	420,000			
Weight of Engine only (lbs)	420,000			
Weight of Engine only on Drivers (lbs)	420,000			
Weight per Driver (lbs)/Axle loading	35,000			
# Units of this model manufactured	133			
Year Introduced (YYYY)	1965			
Year Withdrawn (YYYY)	1967			

Additional Web Sites

http://en.wikipedia.org/wiki/List_of_locomotive_builders http://en.wikipedia.org/wiki/List_of_locomotives

http://en.wikipedia.org/wiki/List_of_GM-EMD_locomotives (see also list below of addtl builders)

<http://www.thedieselshop.us>

<http://www.steamlocomotive.com>

<http://www.railpictures.net/> (searchable by Mfg, Model and RR)

<http://www.northeast.railfan.net/diesel.html> <http://www.northeast.railfan.net/electric.html>

http://en.wikipedia.org/wiki/AAR_wheel_arrangement

Reference/Web Site

http://en.wikipedia.org/wiki/ALCO_Century_630

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Formatted Description					
Diesel, ALCO, C630, DL-630, 3,000 HP, 79,500Lbs T.E., 251E Engine, C-C , Hood Unit, Century Series with ALCO 251 engine					
Comment					

The ALCO Century 628 was a six-axle, 2800 horsepower diesel locomotive. 186 were built between 1963 and 1967. The C628 was intended to replace the earlier RSD-15 model.