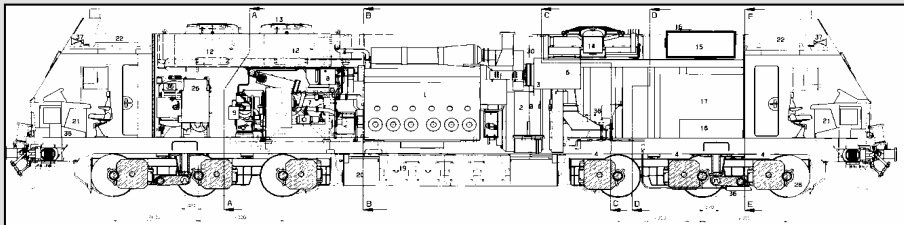


Diesel-Electric Locomotives

JT42 CW

Customer: IR (Israel)
 Contract Date: 1996
 Number of units: 8



Basic Characteristics

Locomotive	
Axle arrangement	Co' Co'
Gauge	1.435 mm
Locomotive Weight	114 Tn
Maximum speed	110 km/h
Nominal power UIC	3000 HP
Brake system	Electropneumatic
Number of cabs	2
Max.tractive effort	588 kN
Cont. Tractive effort	306 kN at 22 km/h
Min. Curve negotiable	80 m
Fuel capacity	6000 l
Multi unit control	Yes
Diesel Engine	
Manufacturer	GM
Model	12N710G3B
UIC rated output	3200 HP
Number of cylinder	V 12 (45°)
Bore and stroke	230,19 mm x 279,4mm
Rated speed	900 rpm
Electrical Transmission	
Traction generator	AR10JBA
Auxiliary generator	Rated 25 kW
Traction Motor	D78
T. Motor connection	6P
Dynamic brake	600 Amp.