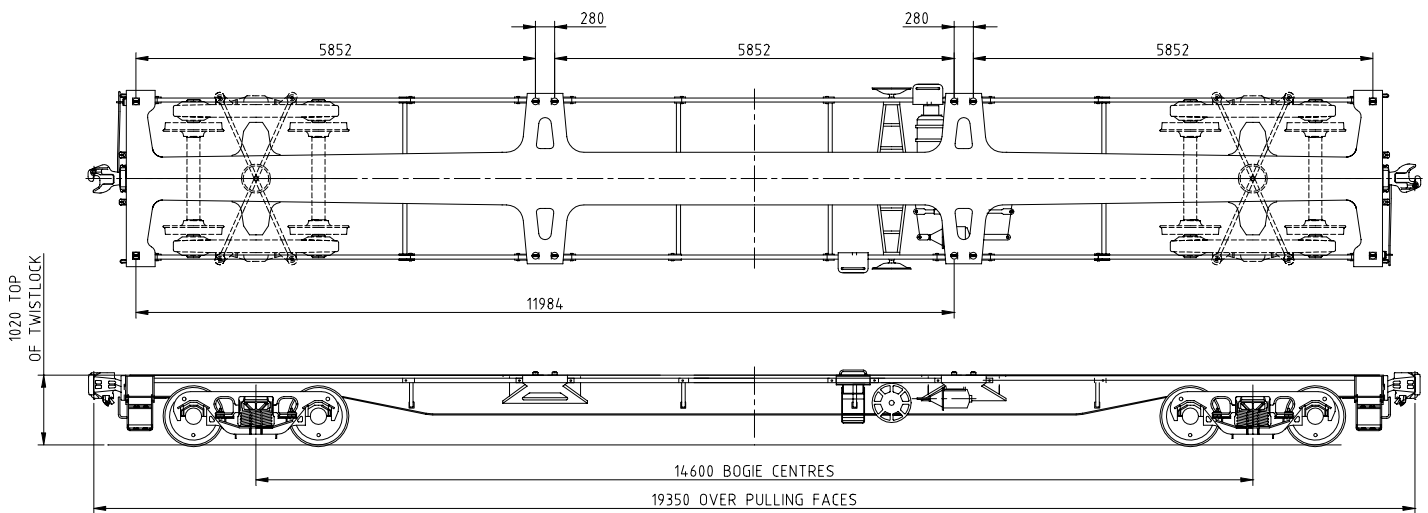




Class	CQBY	Tare Weight	19.7 tonnes
Wagon Type	Container	Gross Mass	92.0 tonnes
Twistlocks	3x20ft, 1x40ft & 1x20ft, 1x48ft,	Capacity	72.3 tonnes
Previous Class	New Build	Unit Length	19.4 m
Number in Class	125	Maximum Speed	115 km/h
Wagon Numbers	0101-0150, 2001-2075	Deck Height	1020 mm
Build Date	2000 & 2004	Draw Capacity	2.20 Mn
Rollingstock Outline	ROA Plate C	RIC Class	A





Wagon Class	CQBY
Designer	MacRail/QRRS
Builder	QRRS China
Build Date	2000 & 2004
GA Drawing No.	QCH188-00-00-000

Bogie Details

Bogie Type	Low level 3 piece diagonal linked
Designation	B-63
Axle Load	25 Tonne
Load Springs	4 Outer QCZ101-2 6 Inner QCZ101-3 1 CentreQCZ101-4 2 damp QCZ101-5
F. Wedge	QCZ81-2
Wheel Diameter	840mm
Journal Centres	1981mm
Wheelbase	1830mm
Centre Plate	375mm Non-metallic liner
Journal Bearings	6" x 11"
Brake Lever Ratio	6.75:1
Side Bearers	CCSB (QCZ85)

Draftgear

Assembly Drawing	QCH188-84
Draftgear	MT-2
Coupler Type	bottom operated 35mm offset horizontal key
Coupler Length	680 mm

Brake Details

Assembly Drawing	QCH188-80
Brake Cylinder Type	Dia.250mm QCP506
Mounting	Body
Proportional Valve	MSP403
Triple Valve	120A (emergency blanked)
Load Valve	MSP405
Main Reservoir Line	Yes - Series 2 Only
Grade Control	exhaust choke
Slack Adjuster	ST2-250
Hand Brake	FSW (transverse)
Bifurcated Pipe	No

Twistlocks

Twistlock Type	Manual or Automatic
Total No.	12

Builds

Series 1 (2000)	0101-0150 (50)
Series 2 (2004)	2001-2075 (75)