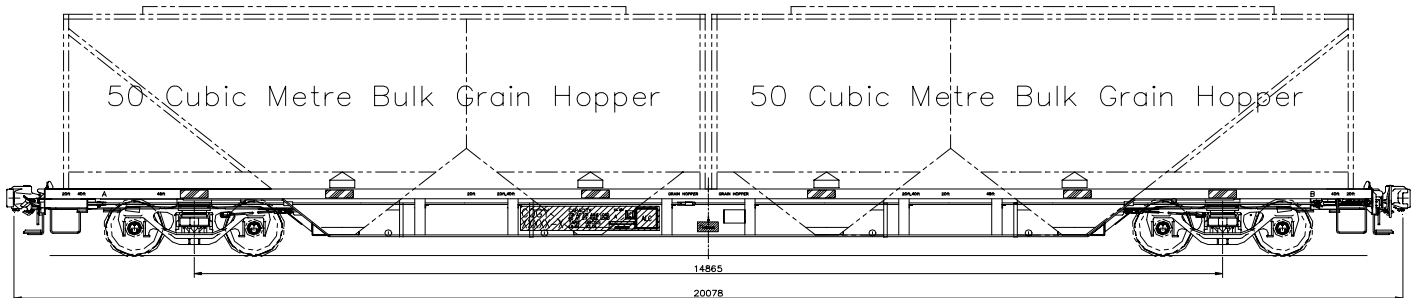




Class	CQGY	Tare Weight	19.5 tonnes
Wagon Type	Multipurpose Container	Gross Mass	92.0 tonnes
Twistlocks	2x30'	Capacity	72.5 tonnes/100m ³
Previous Class	New Build	Unit Length	20.1 m
Number in Class	75	Maximum Speed	115 km/h
Wagon Numbers	501-575	Deck Height	1020 mm
Build Date	2001-02	Draw Capacity	1.80 Mn
Rollingstock Outline	ROA Plate A	RIC Class	A





Wagon Class

CQGY

Details of 30ft Hoppers

Designer W Edmonds
Builder Doric Eng/Bradken
Build Date 2001-02
GA Drawing No. CQGY-01

Wagon Tare with 2 x 30ft Hoppers 26.0 t
 Grain Capacity - 30ft Hopper 33.0 t
 Superphosphate Capacity - 30ft Hopper 33.0 t

Bogie Details

Bogie Type 70t Ride Control
Designation AAR 2E
Axle Load 21 tonne
Load Springs D5 outer(7)
 D5 inner(3)
F. Wedge Springs ASF 3023
Wheel Diameter 840mm
Journal Centres 1981mm
Wheelbase 1727mm
Centre Plate 356mm
Journal Bearings 6x11(Class E)
Brake Lever Ratio 4:1
Side Bearers Stucki 685 RM

Brake Details

Assembly Drawing CQGY-12
Brake Cylinder Type WFPAC
 2 x 280mm dia.
Mounting Bogie
Relay Valve ELS
 Part No C23054
Triple Valve WF5
Load Compensation Auto LPV
Main Reservoir line Yes
Grade Control Exhaust choke
Slack Adjuster No
Hand Brake AAR IP (end mount)
Bifurcated Pipe No

Draftgear

Assembly Drawing CQGY-01
Draftgear Spec M901E
Coupler Type E/F 35mm offset
Coupler Length 990mm

Twistlocks

Twistlock Type Manual or Automatic
Total No. 8

Wagon Body Construction

501-525 Bradken Rail
526-550 Doric Eng
551-565 Bradken Rail
566-575 Doric Eng