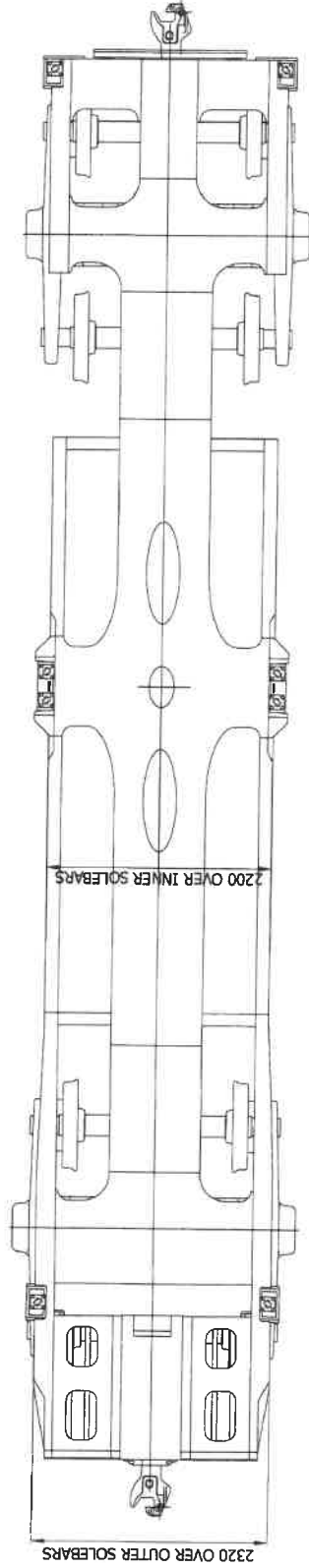
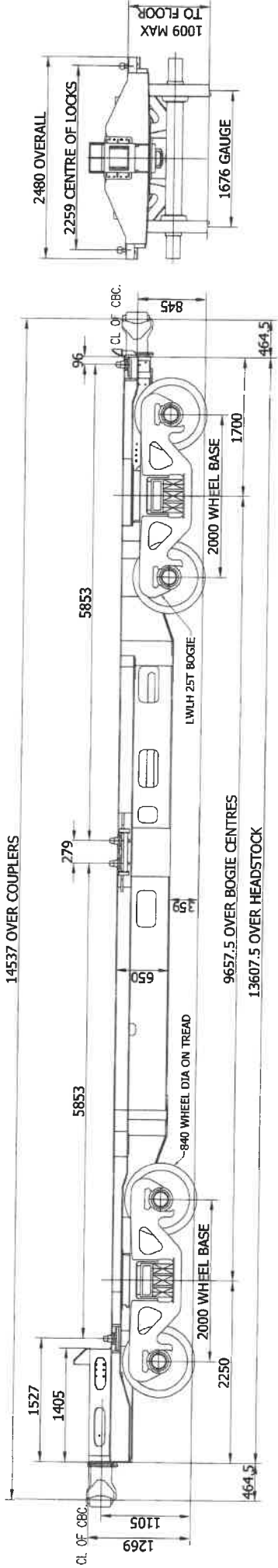


14537 OVER COUPLERS



COMPONENT	SPECIFICATION
BOGIES	LWLH 25 T
COUPLER	UPGRADED HIGH TENSILE CBC WD-70-BD-10
DRAFT GEAR	UPGRADED HIGH CAPACITY WD-71-BD-15

S. No.	WAGON DATA (LIGHT)	mm
1	HEIGHT OF CENTRE BUFFER COUPLER FROM R.L. AT RAISED END	1105
2	HEIGHT OF CENTRE BUFFER COUPLER FROM R.L. AT NORMAL END	845

COMBINATION	CONTAINER POSITION	LOADING CONDITION	LOADING CONDITION	REMARKS
(i)	1x40'	UPPER	UPPER	SINGLE STACK
(ii)	2x20'	LOADED/EMPTY	UPPER	SINGLE STACK
(iii)	2x20'	LOADED/EMPTY	UPPER	SINGLE STACK
(iv)	2x20'	LOADED	EMPTY	DOUBLE STACK*
(v)	1x40'	EMPTY	EMPTY	DOUBLE STACK*
(vi)	1x40'	LOADED	EMPTY/LOADED*	DOUBLE STACK*

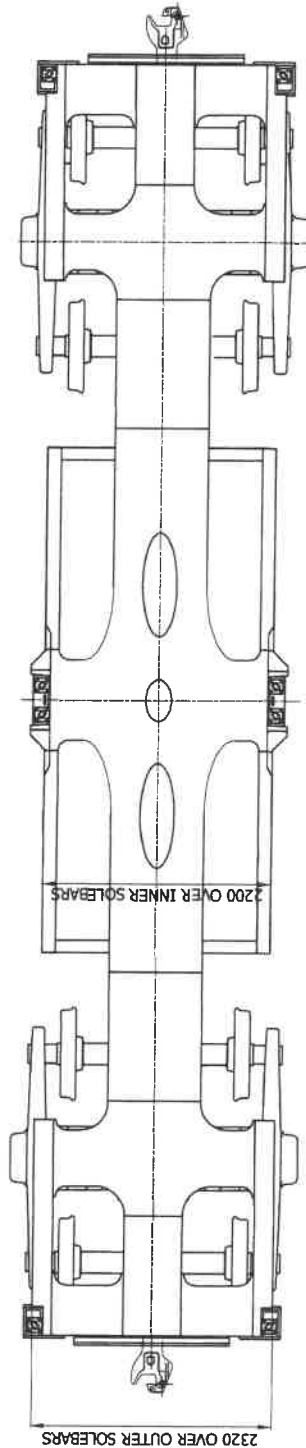
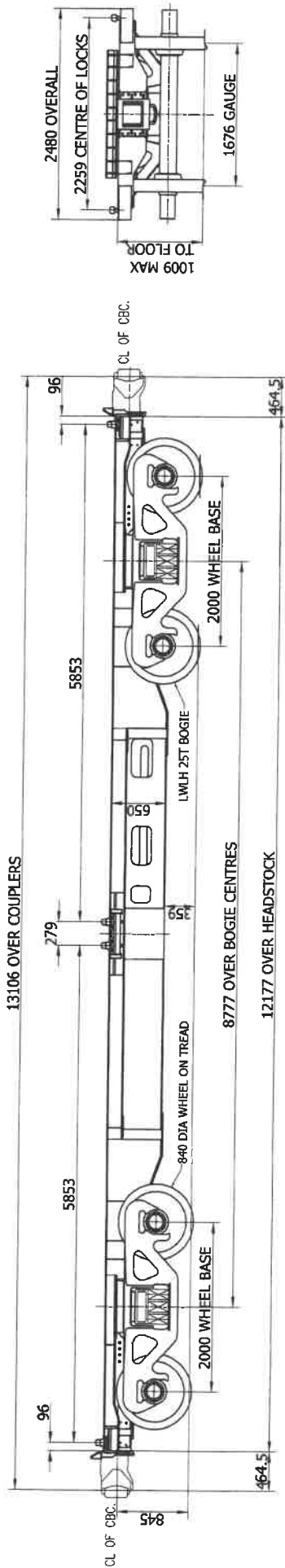
NOTE: * LOADING IN CONTAINERS (OR GROSS WEIGHT OF CONTAINER) SHALL BE AS PER GUIDELINES OF WAGON/RDSO

S. No.	SUMMARY OF WEIGHTS (ESTIMATED)	MEASURES
1	UNDERFRAME	6.94 t
2	BRAKE GEAR ON UNDERFRAME	1.1 t
3	COUPLING CBC ON BOTH ENDS	1.26 t
4	BOGIES COMPLETE EXCEPT SPRINGS, WHEELS & AXLES	3.727 t
5	CARTRIDGE BEARINGS WITH ADAPTERS AND CENTRE PIVOTS	4.720 t
6	FOUR PAIRS OF WHEELS & AXLES	0.6577 t
7	EIGHT CARTRIDGE BEARING UNITS, ADAPTERS E.P AND CENTRE PIVOT ASSLY	0.4448 t
8	BOLSTER SPRINGS AND SHROBBER SPRINGS	18.85 t
9	ESTIMATED TARE	81.15 t
10	PAY LOAD	100 t
11	AXLE LOAD (DESIGNED)	25 t
12	RATIO (PAY LOAD TO TARE)	4.31
13	TRACK LOADING DENSITY (GROSS)	6.88 t/m
14	No. OF WAGONS PER TRAIN OF 48 WAGONS	4
15	PAY LOAD PER TRAIN (OF 4 A-CARS)	324.6 t
16	GROSS LOAD PER TRAIN (OF 4 A-CARS)	400 t
17	C.G. FROM R.L. (CAR WITHOUT CONTAINERS)	0.55 m
18	C.G. FROM R.L. (LOADED)	2.80 m

NOTE: TARE WEIGHT ESTIMATES ARE SUBJECT TO CHANGE DURING FINAL WEIGHTMENT

PRELIMINARY SKETCH		ONLY FOR PROTOTYPE APPLICATION	
SUPERSEDED BY	DATE	UNDER GUIDANCE OF R.D.S.O. (WAGON)	
CHECKED	DATE	BOGIE CONTAINER SPINE CAR WAGON TYPE "BLST" (A-CAR)	
DRAWN	DATE	DIAGRAM DRAWING - A CAR	
DESIGNED	DATE	GROUP	
APPROVED	DATE	WD-22061-S-02	

ALL DIMENSIONS ARE IN MM



S. No.	SUMMARY OF WEIGHTS (ESTIMATED)	MEASURES
1	UNDERFRAME	5.75 t
2	BRAKE GEAR ON UNDERFRAME	1.1 t
3	COUPLING CBC ON BOTH ENDS	1.26 t
4	BOGIES COMPLETE EXCEPT SPRINGS, WHEELS & AXLES, CARTRIDGE BEARINGS WITH ADAPTERS AND CENTRE PIVOTS	3.727 t
5	FOUR PAIRS OF WHEELS & AXLES	4.720 t
6	EIGHT CARTRIDGE BEARING UNITS, ADAPTERS E.P AND CENTRE PIVOT ASSLY	0.6577 t
7	BOLSTER SPRINGS AND SNUBBER SPRINGS	0.4448 t
8	ESTIMATED TARE	17.6 t
9	PAY LOAD	82.4 t
10	GROSS	100 t
11	AXLE LOAD (DESIGNED)	25 t
12	RATIO (PAY LOAD TO TARE)	4.68
13	TRACK LOADING DENSITY (GROSS)	7.63 t/m
14	No. OF WAGONS PER TRAIN OF 48 WAGONS	44
15	PAY LOAD PER TRAIN (OF 44 B-CARS)	3625.6 t
16	GROSS LOAD PER TRAIN (OF 44 B-CARS)	4400 t
17	C.G. FROM R.L. (CAR WITHOUT CONTAINERS)	0.55 m
18	C.G. FROM R.L. (LOADED)	2.82

NOTE: TARE WEIGHT ESTIMATES ARE SUBJECT TO CHANGE DURING FINAL WEIGHTMENT.

S. No.	WAGON DATA (LIGHT)	mm
1	HEIGHT OF CENTRE BUFFER COUPLER FROM R.L.	845

COMPONENT	SPECIFICATION
BOGIES	LWLH 25 T
COUPLER	UPGRADED HIGH TENSILE CBC WD-70-BD-10
DRAFT GEAR	UPGRADED HIGH CAPACITY WD-71-BD-15

COMBINATION	CONTAINER POSITION	LOADING CONDITION	LOADING CONDITION	REMARKS
(i)	1X40'	LOADED/EMPTY	UPPER	SINGLE STACK
(ii)	2X20'	LOADED/EMPTY	UPPER	SINGLE STACK
(iii)	1X40'	EMPTY	EMPTY	DOUBLE STACK*
(iv)	2X20'	LOADED	EMPTY/LOADED*	DOUBLE STACK*
(v)	1X40'	EMPTY	EMPTY	DOUBLE STACK*
(vi)	1X40'	LOADED	EMPTY/LOADED*	DOUBLE STACK*

NOTE: * LOADING IN CONTAINERS (OR GROSS WEIGHT OF CONTAINER) SHALL BE AS PER GUIDELINES OF WAGON/RD50

PRELIMINARY SKETCH		ONLY FOR PROTOTYPE APPLICATION	
SUPERSEDED BY	DATE	UNDER GUIDANCE OF R.D.S.O. (WAGON)	
SCALE/PASSED	DATE	BOGE CONTAINER SPINE CAR WAGON TYPE "BLS" (B-CAR)	
CHECKED	DATE	DIAGRAM DRAWING -- B CAR	
DRAWN	DATE		
U.S. NO.	U.S. NO.	R.D.S.O. [W]	GROUP
		B.G.	WD-22062-S-02

ALL DIMENSIONS ARE IN MM