

BYD DOLPHIN



APPLIES TO	BUILT FROM	RATING CRITERIA
All variants	June 2023	2023-2025
VEHICLE TYPE	ON SALE FROM	RATING EXPIRES
Small Car	October 2023	December 2031
ENGINE / MOTOR TYPES	MODEL SERIES	AIRBAGS
Battery Electric	N/A	Dual frontal, side chest, side head, centre



ANCAP
SAFETY

TESTED
2023

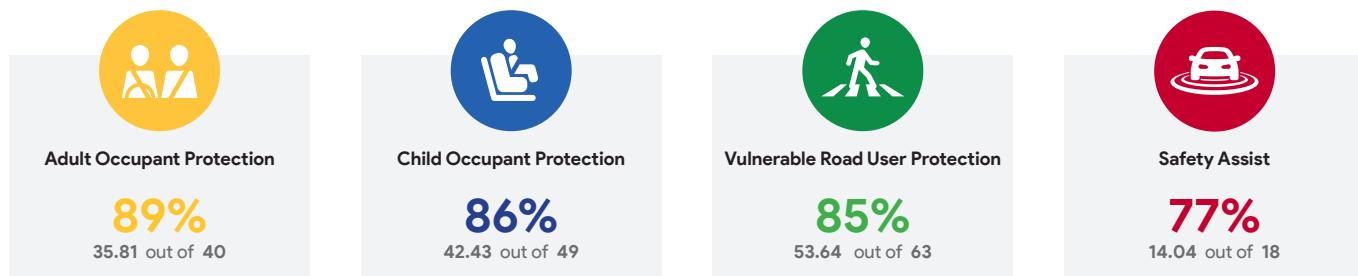


The BYD DOLPHIN was introduced in Australia and New Zealand in October 2023. This ANCAP safety rating applies to all variants.

Dual frontal, side chest-protecting and side head-protecting airbags are standard. A centre airbag which provides added protection to front seat occupants in side impact crashes is also standard.

Autonomous emergency braking (Car-to-Car, Vulnerable Road User, Junction & Crossing, Backover and Head-On) as well as a lane support system with lane keep assist (LKA), lane departure warning (LDW) and emergency lane keeping (ELK), a speed assist system (SAS) and a speed sign recognition system are standard equipment.

ASSESSMENT SCORES



RATING APPLICABILITY*

VARIANT	BODY TYPE	ENGINE / POWERTRAIN	DRIVETRAIN	AUS	NZ
BYD DOLPHIN Dynamic	5 door hatch	Battery Electric Vehicle (BEV)	2WD	✓	-
BYD DOLPHIN Premium	5 door hatch	Battery Electric Vehicle (BEV)	2WD	✓	-
BYD DOLPHIN Standard	5 door hatch	Battery Electric Vehicle (BEV)	2WD	-	✓
BYD DOLPHIN Extended	5 door hatch	Battery Electric Vehicle (BEV)	2WD	-	✓
BYD DOLPHIN Essential	5 door hatch	Battery Electric Vehicle (BEV)	2WD	✓	✓

* Correct at time of publication. Subject to change. Check with manufacturer.



Adult Occupant Protection

89%

35.81 out of 40

FRONTAL OFFSET (MPDB) [#] 5.68 points out of 8	OBlique POLE [#] 5.75 points out of 6	RESCUE & EXTRICATION 3.00 points out of 4
FULL WIDTH FRONTAL [#] 7.41 points out of 8	WHIPLASH PROTECTION 3.97 points out of 4	
SIDE IMPACT [#] 6.00 points out of 6	FAR SIDE IMPACT 4.00 points out of 4	

[#] Scaled scores. Total test scored out of 16.00 points.

The passenger compartment remained stable in the frontal offset (MPDB) test. Dummy readings indicated MARGINAL protection for the driver's chest and ADEQUATE protection for the lower legs while protection of the front passenger chest was also ADEQUATE. Protection for all other critical body regions for the driver and the front passenger was GOOD.

The front structure of the BYD DOLPHIN presented a lower risk to occupants of an oncoming vehicle in the MPDB test (which evaluates vehicle-to-vehicle compatibility), and a 1.82 point penalty was applied.

In the full width frontal test, protection of the chest of the driver dummy and the neck and chest of the rear passenger was ADEQUATE, with GOOD protection of all other critical body areas

In the side impact test, protection offered to all critical body regions of the driver was GOOD and full points were scored.

In the oblique pole test, protection was ADEQUATE for the chest of the driver and GOOD for all other critical body regions.

The BYD DOLPHIN is equipped with a centre airbag to protect against occupant-to-occupant interaction in side impacts and it provided GOOD protection for the head of both front seat occupants. Prevention of excursion (movement towards the other side of the vehicle) in the far side impact tests was assessed as ADEQUATE for both the vehicle-to-vehicle impact scenario and the vehicle-to-pole scenario.

A Rescue Sheet, providing information for first responders in the event of a crash is available, and a multi-collision braking system is fitted. It was demonstrated that, if the car entered water, the doors and windows of the BYD DOLPHIN would remain functional for the minimum required time period.

FRONTAL OFFSET (MPDB) TEST - 50km/h



	DRIVER	FRONT PASSENGER
Head / Neck	4.00 pts	4.00 pts
Chest	1.80 pts	3.99 pts
Upper Legs	4.00 pts	4.00 pts
Lower Legs	3.38 pts	4.00 pts
Deductions	Nil	Nil

COMPATIBILITY

Deductions	-1.82 pts
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FULL WIDTH FRONTAL TEST - 50km/h



	DRIVER	REAR PASSENGER
Head	4.00 pts	4.00 pts
Neck	4.00 pts	3.99 pts
Chest	2.96 pts	2.69 pts
Upper Legs	4.00 pts	4.00 pts
Deductions	Nil	Nil

SIDE IMPACT TEST - 60km/h



	DRIVER
Head	4.00 pts
Chest	4.00 pts
Abdomen	4.00 pts
Pelvis	4.00 pts
Deductions	Nil

OBlique POLE TEST - 32km/h



	DRIVER
Head	4.00 pts
Chest	3.33 pts
Abdomen	4.00 pts
Pelvis	4.00 pts
Deductions	Nil



Adult Occupant Protection

89%

35.81 out of 40

FAR SIDE IMPACT TESTS - 60km/h and 32km/h



SIDE IMPACT (60km/h)	DRIVER
Head	4.00 pts
Neck	4.00 pts
Chest & Abdomen	4.00 pts
Pelvis	No penalty



OBLIQUE POLE (32km/h)	DRIVER
Head	4.00 pts
Neck	4.00 pts
Chest & Abdomen	4.00 pts
Pelvis	No penalty



OCCUPANT-TO-OCCUPANT	DRIVER
Head Contact	No penalty

WHIPLASH PROTECTION TESTS



	DRIVER / FRONT PASSENGER	REAR PASSENGER
Rear Impact	2.97 pts	1.00 pts

RESCUE & EXTRICATION



Rescue Sheet	●	No penalty
Door Opening / Extrication	●	No penalty
Multi-Collision Braking	●	1.00 pt
Advanced eCall	✗	1.00 pt default
Vehicle Submergence		
- Door opening	●	0.50 pt
- Window opening	●	0.50 pt

● FITTED TO TEST CAR AS STANDARD ● NOT FITTED TO TEST CAR BUT AVAILABLE AS AN OPTION ✗ NOT AVAILABLE - N/A



Child Occupant Protection

86%

42.43 out of 49

DYNAMIC TEST (FRONT)
16.00 points out of 16

RESTRAINT INSTALLATION
11.43 points out of 12

DYNAMIC TEST (SIDE)
8.00 points out of 8

ON-BOARD SAFETY FEATURES
7.00 points out of 13

In the frontal offset and side impact tests, protection of the 10 year and 6 year dummies was GOOD and maximum points were scored for all body regions in these tests.

The BYD DOLPHIN is fitted with lower ISOFix anchorages on the rear outboard seats and top tether anchorages for all rear seating positions. A direct child presence detection (CPD) system, which provides an alert when a child has been left in the vehicle, is fitted to all passenger seats as standard. However, the system did not meet ANCAP's requirements and was not rewarded with points.

Installation of typical child restraints available in Australia and New Zealand showed most child restraints could be accommodated in most rear seating positions, however the rearward-facing capsule could not be correctly installed in the rear outboard seating positions and one of the selected booster seats could not be correctly installed in the centre rear seating position.

FRONTAL OFFSET (MPDB) TEST - 50km/h



6 YEAR OLD

10 YEAR OLD

SIDE IMPACT TEST - 60km/h



10 YEAR OLD

6 YEAR OLD

ON-BOARD SAFETY FEATURES	FRONT PASSENGER	2nd ROW OUTBOARD	2nd ROW CENTRE	3rd ROW OUTBOARD	3rd ROW CENTRE
ISOFIX Anchorage	✗	●	✗	-	-
Top Tether Anchorage	✗	●	●	-	-
Airbag Disabling	✗	-	-	-	-
Child Presence Detection	●	●	●	-	-
0.00 pts (out of 4.00pts)					

● FITTED AS STANDARD ✗ NOT AVAILABLE - N/A

CHILD RESTRAINT TYPE ^{**}	FRONT ROW PASSENGER	2nd ROW			3rd ROW		
		L	C	R	L	C	R
Rearward-facing capsule	✗	●	●	●	-	-	-
Rearward-facing with harness - convertible (Model A)	✗	●	●	●	-	-	-
Rearward-facing with harness - convertible (Model B)	✗	●	●	●	-	-	-
Forward-facing with harness - convertible (Model A)	✗	●	●	●	-	-	-
Forward-facing with harness - convertible (Model B)	✗	●	●	●	-	-	-
Booster - 4 to 8 years	✗	●	●	●	-	-	-
Booster - 4 to 10 years	✗	●	●	●	-	-	-
Rearward-facing capsule	✗	●	-	●	-	-	-
Rearward-facing with harness - convertible (Model A)	✗	●	-	●	-	-	-
Rearward-facing with harness - convertible (Model B)	✗	●	-	●	-	-	-
Forward-facing with harness - convertible (Model A)	✗	●	-	●	-	-	-
Forward-facing with harness - convertible (Model B)	✗	●	-	●	-	-	-

● INSTALL WITHOUT PROBLEM ○ INSTALL WITH CARE ● CANNOT BE FITTED SAFELY ✗ INSTALLATION NOT ALLOWED - N/A

NOTE: The child restraints fitted to vehicles tested by Euro NCAP are relevant to the European market. For Australian consumers this information should be used as a guide to vehicle features only. The Child Restraint Evaluation Program (CREP) provides an independent assessment on the safety of Australian child restraints - see www.childcarseats.com.au. Installation of each child restraint is assessed separately in each position. Installation of multiple restraints has not been assessed and may not be possible. ^{*} The list of child restraints has been selected to provide a general indication of the rated vehicle's ability to accommodate various CRS types. ANCAP does not endorse or recommend any one CRS brand or model, nor does it rate the safety of child restraints.



Vulnerable Road User Protection

85%

53.64 out of 63

HEAD PROTECTION (Adult, Child, Cyclist) 11.14 points out of 18	KNEE & TIBIA PROTECTION 9.00 points out of 9	AEB CYCLIST 8.05 points out of 9
PELVIS PROTECTION 4.50 points out of 4.5	AEB PEDESTRIAN (Forward) 6.44 points out of 7	AEB MOTORCYCLE 6.00 points out of 6
FEMUR PROTECTION 4.50 points out of 4.5	AEB PEDESTRIAN (Backover) 1.00 points out of 2	LSS MOTORCYCLE 3.00 points out of 3

In physical impact tests, protection offered to the head of a pedestrian striking the bonnet, or cyclist striking the windscreens was predominantly ADEQUATE and GOOD, with MARGINAL and POOR results recorded at the base of the windscreens and on the stiff windscreen pillars. Protection of the pelvis, femurs, and lower legs was GOOD.

The autonomous emergency braking (AEB) system is capable of detecting and reacting to vulnerable road users such as pedestrians, cyclists and motorcyclists. Testing of this system showed GOOD performance in pedestrian test scenarios including turning scenarios, with collisions avoided or mitigated in most tests. However, MARGINAL performance was seen in reverse (AEB Backover) scenarios.

GOOD performance was seen in cyclist test scenarios with collisions avoided or mitigated at all test speeds including in the turning scenarios, however MARGINAL performance was seen in the cyclist dooring scenarios, where only a warning is provided to alert the driver of a passing cyclist.

GOOD performance was seen in the AEB motorcycle tests, including in the turning and in overtaking scenarios, earning full points.

PEDESTRIAN & CYCLIST IMPACT TESTS



AUTONOMOUS EMERGENCY BRAKING (Cyclist, Pedestrian & Motorcycle)

System Name	Autonomous Emergency Brake					
Type	Autonomous emergency braking with forward collision warning					
Operational From	4-150km/h					

AEB CYCLIST TEST SCENARIOS (forward)	Cyclist traveling along road (25%)	Cyclist crossing from kerb (obstructed)	Cyclist traveling along road (50%)	Cyclist crossing (nearside)	Cyclist crossing (farside)	Cyclist crossing side road, car turning (nearside)	Cyclist crossing side road, car turning (farside)
	DAY	DAY	DAY	DAY	DAY	DAY	DAY
							
PERFORMANCE						GOOD	

CYCLIST DOORING

Information	●
Warning	✗
Retention (driver door)	✗
Retention (all doors)	✗

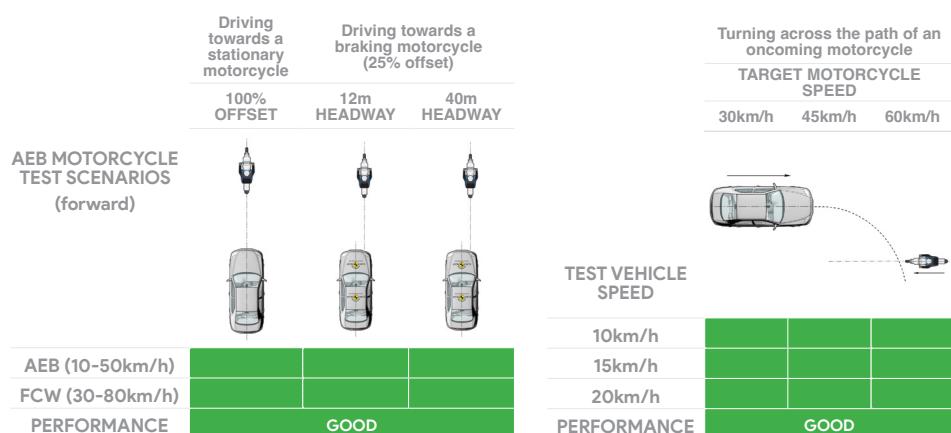
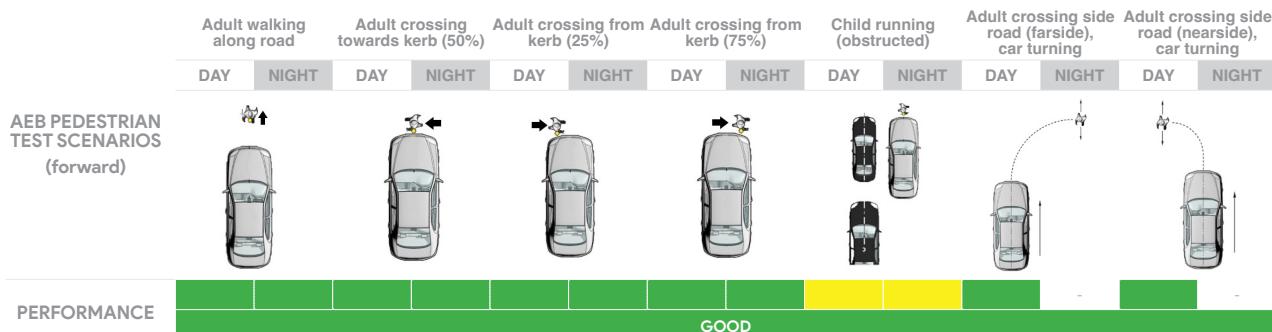
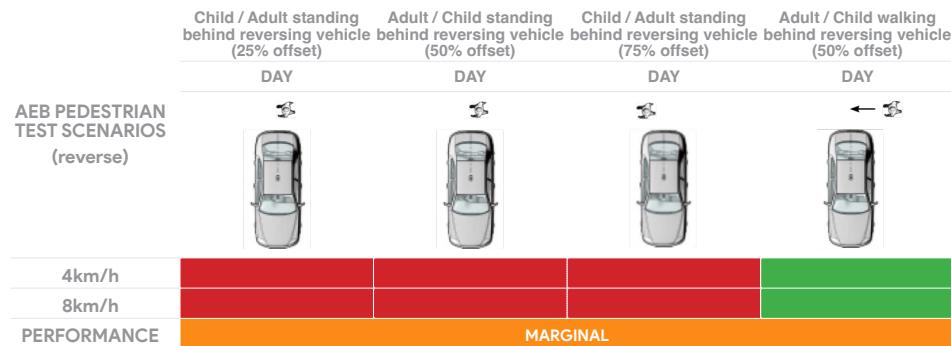
● PASS ✗ FAIL - N/A



Vulnerable Road User Protection

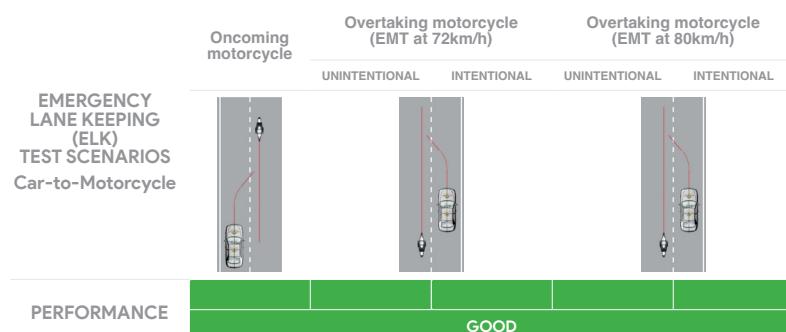
85%

53.64 out of 63



LANE SUPPORT SYSTEMS (Car-to-Motorcycle)

System Name	Lane Departure Assist and Emergency Lane Keeping Assist		
Operational From	50-150 km/h		





Safety Assist

77%

14.04 out of 18

SEAT BELT REMINDERS 1.00 points out of 1	AEB / AES (Car-to-Car) 3.71 points out of 4	LANE SUPPORT SYSTEMS 3.00 points out of 3
DRIVER MONITORING 0.25 points out of 2	AEB / AES (Junction & Crossing) 3.01 points out of 4	
SPEED ASSISTANCE SYSTEMS 2.33 points out of 3	AEB / AES (Head-On) 0.75 points out of 1	

The BYD DOLPHIN is fitted with an autonomous emergency braking (AEB) system capable of functioning at highway speeds, a lane support system (LSS) with lane keep assist (LKA), lane departure warning (LDW) and blind spot monitoring (BSM).

Tests of the AEB (Car-to-Car) system showed GOOD performance with collisions avoided or mitigated in most test scenarios, with GOOD and ADEQUATE performance in AEB Junction and AEB Crossing scenarios where the test vehicle can autonomously brake to avoid crashes when turning across or into the path of an oncoming vehicle. Assessment of the AEB Head-On system functionality showed ADEQUATE performance.

Tests of lane support system functionality showed GOOD performance, including in several of the more critical emergency lane keeping test scenarios.

A speed assistance system (SAS) with speed limit information function (SLIF) is standard, informing the driver of the local speed limit and allowing the driver to accept the change in speed accordingly. Intelligent adaptive cruise control (IACC) is also standard.

A seatbelt reminder system with occupancy detection is fitted to all seating positions.

A driver monitoring system (DMS) detecting driver drowsiness (indirect) is fitted as standard. A direct DMS is not available.

AUTONOMOUS EMERGENCY BRAKING (Car-to-Car)

System Name	Autonomous Emergency Brake
Type	Autonomous emergency braking with forward collision warning
Operational From	4-150 km/h

TEST VEHICLE SPEED	Driving towards a stationary car	Driving towards a slower moving car	Driving towards a lightly braking car	Driving towards a heavily braking car
	OFFSETS +/- 50%, 75%, 100%	OFFSETS +/- 50%, 75%, 100%	HEADWAY 12m & 40m	HEADWAY 12m & 40m
10km/h				
15km/h				
20km/h				
25km/h				
AEB 30km/h				
35km/h				
40km/h				
45km/h				
50km/h				
55km/h				
60km/h				
65km/h				
FCW 70km/h				
75km/h				
80km/h				
PERFORMANCE	GOOD	GOOD	GOOD	GOOD



Safety Assist

77%

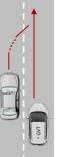
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AUTONOMOUS EMERGENCY BRAKING (Car-to-Car Junction, Crossing and Head-On)

TARGET VEHICLE SPEED	JUNCTION ASSIST Turning across the path of an oncoming vehicle			CROSSING (T-BONE) Crossing the path of another vehicle					
	30km/h	45km/h	60km/h	20km/h	30km/h	40km/h	50km/h	60km/h	
Start from stop									
10km/h	GOOD	GOOD	GOOD	-	-	-	-	-	-
15km/h	GOOD	GOOD	GOOD	-	-	-	-	-	-
20km/h	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
30km/h	-	-	-	GOOD	-	-	-	-	-
40km/h	-	-	-	GOOD	-	-	-	-	-
50km/h	-	-	-	GOOD	-	-	-	-	-
60km/h	-	-	-	GOOD	-	-	-	-	-
PERFORMANCE	GOOD			ADEQUATE					

TEST VEHICLE SPEED	HEAD-ON In the path of oncoming vehicle			50km/h	70km/h
	50km/h	70km/h	PERFORMANCE		
Travelling straight	GOOD	-	GOOD	GOOD	-
Lane change	GOOD	-	GOOD	GOOD	-
			PERFORMANCE	ADEQUATE	

LANE SUPPORT SYSTEMS (Car-to-Car)

System Name	Lane Departure Assist and Emergency Lane Keeping Assist															
Operational From	50-150 km/h															
Dashed line Solid line																
LANE KEEP ASSIST (LKA) TEST SCENARIOS Car-to-Car																
   																
PERFORMANCE																
GOOD																
Oncoming vehicle																
Overtaking vehicle (GVT at 72km/h)																
UNINTENTIONAL INTENTIONAL																
Overtaking vehicle (GVT at 80km/h)																
UNINTENTIONAL INTENTIONAL																
Road edge																
Solid line																
EMERGENCY LANE KEEPING (ELK) TEST SCENARIOS Car-to-Car																
     																
PERFORMANCE																
GOOD																

GOOD
 ADEQUATE
 MARGINAL
 WEAK
 POOR / NOT TESTED DUE TO NO PERFORMANCE PREDICTED
 NOT TESTED



Safety Assist

77%

14.04 out of 18

OCCUPANT STATUS

WARNING TYPE	DRIVER	FRONT PASSENGER	REAR PASSENGERS
Occupant Detection	-	●	●
Seat Belt Reminder (Visual)	●	●	●
Seat Belt Reminder (Audible)	●	●	●

DRIVER MONITORING

	WARNING	INTERVENTION
Distraction	✗	✗
Fatigue	●	✗
Unresponsive Driver	-	✗

SPEED ASSISTANCE SYSTEMS (SAS)

FEATURE

Speed Limit Information Function (SLIF)	Camera based
Manual Speed Limiter	✗
Intelligent Adaptive Cruise Control (iACC)	●
Intelligent Speed Limitation (ISL)	✗

HUMAN MACHINE INTERFACE (HMI)

FEATURE

AEB: Supplementary Warning	●
AEB: Restraint activation / dynamic retractors	✗
Lane Departure Warning (LDW)	●
Blind Spot Monitoring (BSM): Car-to-Car & Car-to-Motorcycle	●

SAFETY FEATURES & TECHNOLOGIES

SAFETY FEATURE / TECHNOLOGY*	AUS	NZ
Seat belt pre-tensioners (front seats)	●	●
Seat belt pre-tensioners (rear outboard seats) - 2nd row	●	●
Seat belt pre-tensioners (rear centre seat) - 2nd row	✗	✗
Seat belt pre-tensioners (rear outboard seats) - 3rd row	-	-
Seat belt pre-tensioners (rear centre seat) - 3rd row	-	-
Intelligent seat belt reminder (driver)	●	●
Intelligent seat belt reminder (front passenger)	●	●
Intelligent seat belt reminder (2nd row seats)	●	●
Intelligent seat belt reminder (3rd row seats)	-	-
Airbag - dual frontal (driver & front passenger)	●	●
Airbags - side, chest protection (front seats)	●	●
Airbags - side, chest protection (2nd row seats)	●	●
Airbags - side, chest protection (3rd row seats)	-	-
Airbags - side, head protection (front seats)	●	●
Airbags - side, head protection (2nd row seats)	●	●
Airbags - side, head protection (3rd row seats)	-	-
Airbag - centre	●	●
Airbag - knee (driver)	✗	✗
Airbag - knee (front passenger)	✗	✗
Airbag - pedestrian (external)	✗	✗
Airbag disabling switch - automatic (front passenger)	✗	✗
Airbag disabling switch - manual (front passenger)	✗	✗
Autonomous emergency braking (AEB) - Car-to-Car	●	●
Autonomous emergency braking (AEB) - Vulnerable Road User		
- AEB Pedestrian	●	●
- AEB Cyclist	●	●
- AEB Motorcycle	●	●
Autonomous emergency braking (AEB) - Backover	●	●
Autonomous emergency braking (AEB) - Junction		
- AEB Junction (Pedestrian)	●	●
- AEB Junction (Cyclist)	●	●
- AEB Junction (Motorcycle)	●	●
Autonomous emergency braking (AEB) - Crossing	●	●
Automatic emergency call (eCall)	✗	✗
Blind spot monitor (BSM)	●	●
Child presence detection / alert	●	●
Cyclist dooring detection / alert	●	●
Driver monitoring system - Indirect	●	●
Driver monitoring system - Direct	✗	✗
Forward collision warning (FCW)	●	●
Lane departure warning (LDW)	●	●
Lane keep assist (LKA)		
- LKA (Car-to-Car)	●	●
- LKA (Car-to-Motorcycle)	●	●
Secondary / multi-collision brake	●	●
Speed assistance - intelligent adaptive cruise control (iACC)	●	●
Speed assistance - auto / intelligent speed limiter	✗	✗
Speed assistance - manual speed limiter	✗	✗
Speed assistance - speed sign recognition & warning	●	●
Vehicle-to-infrastructure communication (V2I)	✗	✗
Vehicle-to-vehicle communication (V2V)	✗	✗

● STANDARD ○ AVAILABLE ON HIGHER VARIANTS ○ OPTIONAL ✗ NOT AVAILABLE - NOT APPLICABLE

* Correct at time of publication. Subject to change. Check with manufacturer.

TESTED MAKE / MODEL
BYD DOLPHIN LHD

TESTED VEHICLE ENGINE
Battery Electric (BEV)

RATING UPDATED
December 2025

TESTED BODY TYPE
5 door hatch

RATING PUBLISHED
October 2023