



SPECIFICATIONS

Tested model	BYD Dolphin Plus
Body type	5 door hatchback
Year of publication	2024
Crash test weight (KG)	1926
VIN from which Rating applies	
Made in	China
Test valid for	Brazil



SAFETY EQUIPMENT

SAFETY EQUIPMENT				
	DRIVER	PASSENGER	REAR	
FRONTAL CRASH PROTECTION				
Frontal airbag	YES STANDARD	YES STANDARD	NOT APPLICABLE	
Belt pretensioner	YES STANDARD	YES STANDARD	YES STANDARD	
Belt Loadlimiter	YES STANDARD	YES STANDARD	YES STANDARD	
Knee airbag	NOT AVAILABLE	NOT AVAILABLE	NOT APPLICABLE	
SIDE CRASH PROTECTION				
Side head curtain airbag	YES STANDARD	YES STANDARD	YES STANDARD	
Side head (thorax head) airbag	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	
Side Chest airbag	YES STANDARD	YES STANDARD	NOT AVAILABLE	
Side pelvis airbag	YES STANDARD	YES STANDARD	NOT AVAILABLE	
CHILD PROTECTION				
ISOFIX	NOT APPLICABLE	YES STANDARD	YES OUTBOARD SEATS	
Integrated CRS	NOT APPLICABLE	NOT AVAILABLE	NO	
Airbag cut out switch	NOT APPLICABLE YES MANUAL NOT APPLIC		NOT APPLICABLE	
SAFETY ASSIST				
Seat Belt Reminder (SBR)	YES STANDARD	YES STANDARD	YES STANDARD	
OTHER SAFETY SYSTEMS				
ESC standard		YES STANDARD		
GTR 9 - UN 127 Pedestrian protection	YES STANDARD			
AEB Pedestrian	YES STANDARD			
AEB City	YES STANDARD			
AEB inter-Urban	YES STANDARD			
Speed Assist System	YES STANDARD			
Lane Assist system	YES STANDARD			

FRONTAL OFFSET DEFORMABLE BARRIER

14.98 p

WHIPLASH REAR IMPACT

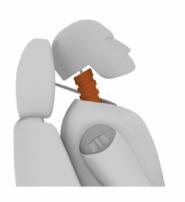
2.06 p





FRONTAL PASSENGER

SIDE MOVABLE DEFORMABLE BARRIER TEST (car) 8.00 p



SIDE POLE IMPACT TEST (Pole)
this test is inly performed if side head impact protection is present,

6.99 p



UN R32 (max 1 point)	1
AEB City (max 3 points)	3
Rescue Sheet (max 1 point)	1

FUEL LEAKAGE DETECTED IN ANY TEST CONFIGURATION

NO



ADULT OCCUPANT

37.04 points 92.60%



COMMENTS

Adult Occupant - Frontal impact: The protection offered to the driver and passenger head and neck was good, driver's chest showed adequate protection and passenger's chest showed good protection. Driver's and passenger's knees showed good protection. Driver's and passenger's tibias showed adequate protection. Footwell area was rated as stable. The bodyshell was rated as stable and it is capable of withstanding further loadings. Side impact: Head, abdomen, chest and pelvis protection was good. Side Pole Impact: head, abdomen, and pelvis protection was good, chest protection was marginal. Whiplash: the seat showed marginal protection to the adult neck. UN R32: the car proved to meet the rear impact structure requirements. AEB City: the car offers AEB City with good performance and meeting Latin NCAP availability requirements. Rescue sheet: available according to Latin NCAP criteria.

CHILD RESTRAINT SYSTEM

Dynamic score: 23.65 (max 24)

Installation score: 12.00 (max 12)

Vehicle assessment score: 10.00 (max 13)

	CHILD RESTRAINT	DYNAMIC SCORE	CRS TYPE	ADJUST	POSITION
18 month old child	Joie i-Spin	Front 7.65 (8 max) Side 4.00 (4 max)	i-SIZE	ISOFIX/LEG	RWF
3 year old child	Joie i-Spin	Front 8.00 (8 max) Side 4.00 (4 max)	i-SIZE	ISOFIX/LEG	RWF

	Front Passenger	2nd row outboard	2nd row centre
ISOFIX	YES STANDARD	YES STANDARD	NOT AVAILABLE
I-Size	YES STANDARD	YES STANDARD	NOT AVAILABLE
Integrated CRS	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

CRS INSTALLATION ASSESSMENT

						2ND ROW	
REFERENCE LIS	T			RIGHT	LEFT	CENTER	RIGHT
Group 0+	Peg Perego V	iaggio Switchable				•	
Group 0+	Roemer Baby	/ Safe				\circ	
Group 0+	Bébé Confort	Streety Fix / Maxi Cosi Citi SPS					
Group I	Peg Perego Viaggio Switchable FWF						
Group I	Graco Cadeir	a Nautilus FWF					
Group II/III	Burigotto Mu	ıltipla 1,2,3					
Group II/III	Graco Cadeir	a Nautilus					
MANUFACTUREF	3			RIGHT	LEFT	CENTER	RIGHT
Q1.5	Joie i-Spin	ISOFIX/LEG		•		0	
Q3	Joie i-Spin	ISOFIX/LEG				\circ	
Pass	X Fail	O Exempt		*F	ail only du	ue to failed r	marking



45.65 points 93.17%



COMMENTS

Child Occupant - The child seat for the Q1.5 child was installed rearward facing using I-Size anchorages and support leg. It was capable of preventing head exposure but showed higher than expected chest deceleration. The 3-year-old child was installed rearward facing using I-Size anchorages and support leg. It was capable of preventing head exposure offering full protection. Side Impact: Both CRSs offered full protection. All of the CRSs tested for installation passed. The car has ISOFIX anchorages as standard, meeting also I-Size marking requirements. All seating positions are equipped with three point seatbelts. Airbag warning when a rearward CRS is installed in the passenger seat meets Latin NCAP requirements. The car has passenger airbag disconnection via manual switch as standard.

PEDESTRIAN PROTECTION (pasive)

24.97 points

The car prooves to meet pedestrian protection regulations



	Points	Max score
Head impact	14.77	24
Upper Leg impact (Pelvis)	4.20	6
Lower Leg impact (Leg)	6.00	6

AEB PEDESTRIAN 12.00 points

Balance factor for Pedestrian protection (until 2022)

15.00%

Name of System	-
speed range Minimum (km/h)	-
speed range Maximum (km/h)	-

PERFORMANCE

Summary	Percentage
Adult Running, farside, 50%	100%
Adult Walking, nearside, 25%	100%
Adult Walking, nearside, 75%	100%
Child Running, nearside oscured, 50%	100%
Human Machine Interaction	100%



PEDESTRIAN PROTECTION

36.97 points 77.03%



COMMENTS

Pedestrian Protection - The car proved to meet Pedestrian protection UN127 regulations. The car showed majority of head impact areas with adequate to weak protection, some areas towards the windshield and A-pillar showed poor protection. Upper leg performance was mostly good but poor towards the outboard areas, lower leg performance was good. **AEB VRU:** Showed good performance and it meets Latin NCAP availability requirements.



SPEED ASSISTENCE

0.00 points

SEAT BELT REMINDER

10.00 points

(this feature scores only if it is standard in all versions)

(this feature scores only if it is standard in all versions)

Warning	Driver	Passenger	Rear Passenger
Visual	~	✓	✓
Audible	~	✓	

LANE SUPPORT SYSTEMS

0.00 points

LDW is available according to Latin NCAP requirements LKA is available according to Latin NCAP requirements

System Name	LSS BYD Dolphin Plus
Functionality	LDW & LKA
Operational from (km/h)	0
Warning	Audible and Visual

PERFORMANCE

LKA Test	Fail
LDW Test	Fail

ROAD EDGE DETECTION (this feature scores only if it meets the fittment rates required)

0.00 points

RED is available according to Latin NCAP requirements

BLIND SPOT DETECTION (this feature scores only if it meets the fittment rates required)

3.00 points

BSD long range was verified by Validation

ESC 15.00 points

ESC IS STANDARD IN ALL VERSIONS ESC Meets regulatory requirements of Latin NCAP

MOOSE TEST - for information only - no scoring

ADAC MOOSE TEST

Max Speed Achieved in test without failures (km/h)

95

75

MOOOSE TEST: CONSUMER TESTING

Max Speed Achieved in test without failures (km/h)

AEB Interurban (this feature scores only if it me points ets the fitment rates required)		8.63 points
System Name	AEB BYD Dolphin Plus	
Functionality	FCW and AEB	
Operational from (km/h)	4	

PERFORMANCE

	AEB	Driver Reacts to warning
Operational Speed (km/h) Min Max	4 km/h - 85 km/h	65 km/h - 150 km/h
Approaching a slower moving car	Crash avoided up to 65 km/h	Crash avoided up to 80 km/h

FOLLOWING A CAR AT SHORT DISTANCE

	AEB	Driver Reacts to warning
Car in front brakes gently	Avoidance	Avoidance
Car in front brakes harshly	Avoidance	Avoidance

FOLLOWING A CAR AT LONG DISTANCE

	AEB	Driver Reacts to warning
Car in front brakes gently	Avoidance	Avoidance
Car in front brakes harshly	Avoidance	Avoidance



SAFETY ASSIST

36.63 points 85.17%



COMMENTS

Safety Assist - SBR: The car offers SBR in all seating positions. ESC: The car offers ESC as standard. The Moose test performance reached a maximum of 95 km/h under ADAC Moose test and 75 km/h under Consumer magazine Moose test. SA: The car is fitted with ISA as standard but not meeting Latin NCAP performance requirements. BSD: The car offers BSD with good performance and it meets Latin NCAP requirements for fitment. LSS and RED: The car offers LSS and RED with poor performance, it does meet Latin NCAP availability requirement. AEB Interurban: The car offers AEB Inter Urban with almost full score in performance and meet Latin NCAP availability requirements.

