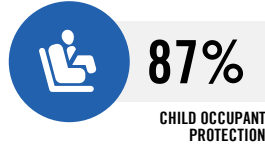
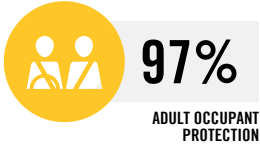


BMW 3 SERIES

MARCH 2019 - ONWARDS
2.0 LITRE VARIANTS



TESTED
2019



BMW 3 SERIES

OVERVIEW

The BMW 3 Series was introduced in Australia and New Zealand in March 2019. This ANCAP safety rating applies to all 2.0 litre RWD variants. Other variants are unrated.

Dual frontal, side chest-protecting and side head-protecting (curtains) and a driver knee airbag are standard.

Autonomous emergency braking (City, Interurban and Vulnerable Road User), and lane keep assist (LKA) with lane departure warning (LDW), are standard on all variants.

ANCAP SAFETY RATING



RATING YEAR (DATESTAMP)

2019

VEHICLE TYPE

MEDIUM CAR

AIRBAGS

Dual frontal, side chest, side head, driver knee

RATING APPLICABILITY


VARIANT	BODY TYPE	ENGINE	DRIVETRAIN	AUS	NZ
BMW 3 Series 320i M Sport	4 door sedan	2.0 litre petrol	RWD	✓	✓
BMW 3 Series 320d M Sport	4 door sedan	2.0 litre diesel	RWD	✓	✓
BMW 3 Series 330i M Sport	4 door sedan	2.0 litre petrol	RWD	✓	✓
BMW 3 Series 330i M Sport	4 door wagon	2.0 litre petrol	RWD	✓	✓
BMW 3 Series 330e M Sport	4 door sedan	2.0 petrol hybrid	RWD	✓	✓
BMW 3 Series M340i xDrive M Performance	4 door sedan	3.0 litre petrol	4WD	✗	✗

✓ COVERED BY THIS RATING

✗ NOT COVERED BY THIS RATING

◆ TESTED VARIANT

ADULT OCCUPANT PROTECTION



97%
37.06 POINTS
OUT OF 38

The passenger compartment of the BMW 3 Series remained stable in the frontal offset test. Dummy readings indicated ADEQUATE protection of the driver and passenger lower legs. Protection was GOOD for all other critical body regions.

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

In the side impact test and the oblique pole test, protection offered to all critical body regions was GOOD and the vehicle scored maximum points in these tests.

The autonomous emergency braking (AEB) system scored maximum points with GOOD performance in low-speed test scenarios typical of city driving.

FRONTAL OFFSET#	7.88 (out of 8)
FULL WIDTH FRONTAL#	7.61 (out of 8)
SIDE IMPACT#	8.00 (out of 8)
OBLIQUE POLE#	8.00 (out of 8)
WHIPLASH PROTECTION	1.58 (out of 2)
AEB - City	4.00 (out of 4)

Scaled scores. Total test scored out of 16.00 points.

FRONTAL OFFSET TEST (64 KM/H)



Driver

Head / neck:	4.00 pts
Chest:	4.00 pts
Upper legs:	4.00 pts
Lower legs:	3.75 pts
Deductions:	Nil



Front Passenger

Head / neck:	4.00 pts
Chest:	4.00 pts
Upper legs:	4.00 pts
Lower legs:	3.78 pts
Deductions:	Nil

FULL WIDTH FRONTAL TEST (50 KM/H)



Driver

Head:	4.00 pts
Neck:	4.00 pts
Chest:	3.49 pts
Upper legs:	4.00 pts
Deductions:	Nil



Rear Passenger

Head:	4.00 pts
Neck:	3.38 pts
Chest:	3.56 pts
Upper legs:	4.00 pts
Deductions:	Nil

SIDE IMPACT TEST (50 KM/H)



Driver

Head:	4.00 points
Chest:	4.00 points
Abdomen:	4.00 points
Pelvis:	4.00 points
Deductions:	Nil



Driver

Head:	4.00 points
Chest:	4.00 points
Abdomen:	4.00 points
Pelvis:	4.00 points
Deductions:	Nil

OBLIQUE POLE TEST (32 KM/H)

WHIPLASH (REAR IMPACT) PROTECTION TEST



Rear Passenger

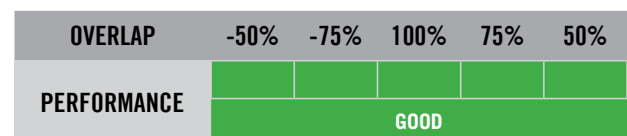
Rear:	0.38 points
Front:	1.20 points



Driver / Front Passenger

AEB - CITY (10-50 KM/H)

Score: 4.00 points



GOOD ADEQUATE MARGINAL WEAK POOR

CHILD OCCUPANT PROTECTION



87%

43.00 POINTS
OUT OF 49

In the frontal offset test, protection of the neck of the 6 year dummy was ADEQUATE, while the protection offered to all other critical body regions of the 6 year and 10 year dummies was GOOD.

In the side impact test, protection of all critical body areas was GOOD for both child dummies and maximum points were scored.

The BMW 3 Series is fitted with lower ISOFix anchorages on rear outboard seats and top tether anchorages for all rear seating positions.

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 Type A capsule and one of the booster seats could not be correctly installed in the rear outboard seating positions.

DYNAMIC TEST (FRONT)	15.76 (out of 16)
DYNAMIC TEST (SIDE)	8.00 (out of 8)
RESTRAINT INSTALLATION	11.24 (out of 12)
ON-BOARD SAFETY FEATURES	8.00 (out of 13)

FRONTAL OFFSET TEST (64 KM/H)



6 year old

10 year old

SIDE IMPACT TEST (50 KM/H)



10 year old

6 year old

ON-BOARD SAFETY FEATURES

FEATURE	FRONT PASSENGER	2nd ROW OUTBOARD	2nd ROW CENTRE	3rd ROW OUTBOARD	3rd ROW CENTRE
ISOFix	×	●	×	-	-
Integrated child restraints	×	×	×	-	-
Top tether anchorage	×	●	●	-	-
Airbag disabling	×	-	-	-	-

● FITTED TO TEST CAR AS STANDARD ● NOT FITTED TO TEST CAR BUT AVAILABLE AS AN OPTION × NOT AVAILABLE - NOT APPLICABLE

NOTE: The child restraints fitted to vehicles tested by Euro NCAP are relevant to the European market. For Australasian 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 Australasian child restraints - see www.childcarseats.com.au.

GOOD ADEQUATE MARGINAL WEAK POOR

CHILD OCCUPANT PROTECTION



87%

43.00 POINTS
OUT OF 49

CHILD RESTRAINT INSTALLATION*

	CHILD RESTRAINT (CRS) TYPE [^]	FRONT ROW	2nd ROW			3rd ROW			
		PASSENGER	LEFT	CENTRE	RIGHT	LEFT	CENTRE	RIGHT	
BELTED	TYPE A	Rearward facing capsule	×	●	●	●	-	-	-
		Rearward facing with harness - convertible (Model A)	×	●	●	●	-	-	-
		Rearward facing with harness - convertible (Model B)	×	●	●	●	-	-	-
	TYPE B	Forward facing with harness - convertible (Model A)	×	●	●	●	-	-	-
		Forward facing with harness - convertible (Model B)	×	●	●	●	-	-	-
	TYPE E	Booster - 4 to 8 years	×	●	●	●	-	-	-
TYPE F	Booster - 4 to 10 years	×	●	●	●	-	-	-	
ISOFIX	TYPE A	Rearward facing capsule	×	●	-	●	-	-	-
		Rearward facing with harness - convertible (Model A)	×	●	-	●	-	-	-
		Rearward facing with harness - convertible (Model B)	×	●	-	●	-	-	-
	TYPE B	Forward facing with harness - convertible (Model A)	×	●	-	●	-	-	-
		Forward facing with harness - convertible (Model B)	×	●	-	●	-	-	-

* 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 above 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.

● INSTALL WITHOUT PROBLEM ● INSTALL WITH CARE ● CANNOT BE FITTED SAFELY × INSTALLATION NOT ALLOWED - NOT APPLICABLE / NOT ASSESSED

VULNERABLE ROAD USER PROTECTION



87%

42.02 POINTS
OUT OF 48

The BMW 3 Series has an 'active' bonnet. Sensors detect when a pedestrian has been struck and the bonnet lifts to provide greater clearance to the hard structures in the engine compartment. The vehicle was tested with the bonnet in the raised position and GOOD or ADEQUATE results were recorded over most of the bonnet area with POOR results recorded on the base of the windscreen and the windscreen pillars. Protection of the pelvis was mixed, with areas of GOOD and POOR performance, while the bumper provided GOOD protection to pedestrians' legs.

The AEB system offered GOOD performance in tests of its effectiveness in pedestrian test scenarios under both daylight and night-time conditions.

GOOD performance was also seen in cyclist test scenarios with collisions avoided or mitigated at all test speeds. The system's overall performance was classified as GOOD.

HEAD IMPACTS	22.30 (out of 24)
UPPER LEG IMPACTS	3.26 (out of 6)
LOWER LEG IMPACTS	6.00 (out of 6)
AEB - Pedestrian	5.35 (out of 6)
AEB - Cyclist	5.11 (out of 6)

PEDESTRIAN IMPACT TEST (40 KM/H)



AUTONOMOUS EMERGENCY BRAKING (PEDESTRIAN & CYCLIST)

SYSTEM NAME: Driving Assistant
TYPE: Autonomous emergency braking with forward collision warning
OPERATIONAL FROM: 5-210 km/h
DESCRIPTION: System functions in the daytime and night

TEST SCENARIO	AEB - Pedestrian										AEB - Cyclist				
						FORWARD COLLISION WARNING					FORWARD COLLISION WARNING				
	Adult crossing towards kerb (50%)		Adult crossing from kerb (25%)		Adult crossing from kerb (75%)		Child running (obstructed)	Adult walking along road		Adult walking along road		Cyclist crossing from kerb	Cyclist travelling along road (50%)	Cyclist travelling along road (25%)	
	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	DAY	DAY
PERFORMANCE															
	GOOD										GOOD				

GOOD ADEQUATE MARGINAL WEAK POOR

SAFETY ASSIST



77%

10.11 POINTS
OUT OF 13

The BMW 3 Series is fitted with autonomous emergency braking (AEB) and a lane support system (LSS) with lane departure warning (LDW) and lane keep assist (LKA), and blind spot monitoring (BSM).

Tests of the AEB system showed GOOD performance with collisions avoided or mitigated in most test scenarios. Overall, effectiveness of the AEB system performance in highway speed scenarios was rated GOOD.

A lane support system (LSS), with lane keep assist (LKA) and lane departure warning (LDW), and a blind spot monitoring system (BSM) are standard. Tests of the LKA functionality showed ADEQUATE performance, however the system does not intervene in more critical emergency lane keeping (ELK) scenarios. Overall performance of the LSS system was classified as MARGINAL.

A standard-fit speed assistance system (SAS) is also provided which identifies the local speed limit and allows the driver to set the speed accordingly. A seatbelt reminder system with occupancy detection is fitted to all seating positions.

SPEED ASSISTANCE SYSTEMS	2.38 (out of 3)
SEAT BELT REMINDERS	3.00 (out of 3)
LANE SUPPORT SYSTEMS	2.00 (out of 4)
AEB - Interurban	2.74 (out of 3)

LANE SUPPORT SYSTEMS (LSS)

SYSTEM NAME: Lane Departure Warning
OPERATIONAL FROM: 70-210 km/h

		EMERGENCY LANE KEEPING (ELK)							
TEST SCENARIO	PERFORMANCE	Oncoming vehicle	Overtaking vehicle (GVT at 72 km/h)		Overtaking vehicle (GVT at 80 km/h)		Road edge		
			UNINTENTIONAL	INTENTIONAL	UNINTENTIONAL	INTENTIONAL			
		-	-	-	-	-	-	-	-
[NOT AVAILABLE]									

		LANE KEEP ASSIST (LKA)									
TEST SCENARIO	PERFORMANCE	Dashed Line				Solid Line				Road Edge	
		ADEQUATE									

HUMAN MACHINE INTERFACE (HMI)		
FUNCTION	Lane Departure Warning (LDW)	PASS
	Blind Spot Monitoring (BSM)	PASS

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

SAFETY ASSIST



77%

10.11 POINTS
OUT OF 13

AUTONOMOUS EMERGENCY BRAKING (INTERURBAN)

SYSTEM NAME: Driving Assistant
TYPE: Autonomous emergency braking with forward collision warning
OPERATIONAL FROM: 5-80 km/h
DESCRIPTION: Defaults ON for every journey

HUMAN MACHINE INTERFACE (HMI)		
FUNCTION	Supplementary warning	PASS
	Restraint activation / dynamic retractors	[NOT FITTED]

FORWARD COLLISION WARNING (FCW)										
TEST SCENARIO	Driving towards a stationary car					Driving towards a slower moving car				
PERFORMANCE	GOOD									

AUTONOMOUS EMERGENCY BRAKING - Interurban									
TEST SCENARIO	Toward car braking lightly		Toward car braking heavily		Driving towards a slower moving car				
	12m HEADWAY	40m HEADWAY	12m HEADWAY	40m HEADWAY					
PERFORMANCE	GOOD								

SPEED ASSISTANCE SYSTEMS (SAS)

SYSTEM NAME: Speed Limit Assist

SAS FEATURE	DESCRIPTION
Speed Limit Information Function (SLIF)	Camera & map
Speed Limitation Function	System advised

SEAT BELT REMINDERS (SBR)

WARNING TYPE	DRIVER	FRONT PASSENGER	REAR PASSENGERS
Occupant Detection	-	●	●
Visual	●	●	●
Audible	●	●	●

● PASS ● FAIL ✗ NOT AVAILABLE - NOT APPLICABLE

GOOD ADEQUATE MARGINAL WEAK POOR

SAFETY FEATURES & TECHNOLOGIES

FEATURE / TECHNOLOGY~	AVAILABILITY	
	AUS	NZ
Seat belts (three-point) for all forward-facing seats	●	●
Seat belt pre-tensioners (front)	●	●
Seat belt pre-tensioners (rear outboard) - 2nd row	●	●
Seat belt pre-tensioners (rear centre) - 2nd row	●	●
Seat belt pre-tensioners (rear outboard) - 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 - frontal (driver)	●	●
Airbag - frontal (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 - knee (driver)	●	●
Airbag - knee (front passenger)	✗	✗
Airbag disabling switch - automatic (front passenger)	✗	✗
Airbag disabling switch - manual (front passenger)	✗	✗
Head restraints for all seats	●	●
Active bonnet	●	●
Adaptive cruise control (ACC)	○	○
Adaptive headlights	●	●
Anti-lock braking system (ABS)	●	●
Autonomous emergency braking (AEB) - City	●	●
Autonomous emergency braking (AEB) - Interurban	●	●
Autonomous emergency braking (AEB) - VRU	●	●
Automatic emergency call (eCall)	●	●
Automatic headlights	●	●
Automatic high beam	●	●

FEATURE / TECHNOLOGY~	AVAILABILITY	
	AUS	NZ
Blind spot monitor (BSM)	●	●
Child presence alert	✗	✗
Daytime running lights (DRL)	●	●
Electronic brakeforce distribution (EBD)	●	●
Electronic data recorder (EDR)	✗	✗
Electronic stability control (ESC)	●	●
Emergency brake assist (EBA)	●	●
Emergency stop signal (ESS)	●	●
Fatigue reminder	●	●
Fatigue detection	✗	✗
Forward collision warning (FCW)	●	●
Hill launch assist	●	●
Integrated child seat / restraint	✗	✗
ISOFix	●	●
Lane departure warning (LDW)	●	●
Lane keep assist (LKA)	●	●
Pre-crash systems	✗	✗
Rear cross-traffic alert (RCTA)	●	●
Reversing collision avoidance (camera)	●	●
Reversing collision avoidance (auto brake)	○	○
Roll stability system	✗	✗
Secondary / multi-collision brake	✗	✗
Speed assistance - auto / intelligent speed limiter	●	●
Speed assistance - manual speed limiter	●	●
Speed assistance - speed sign recognition & warning	●	●
Smart (intelligent) key	✗	✗
Trailer stability control	✗	✗
Tyre pressure monitoring system (TPMS)	○	○
Vehicle-to-infrastructure communication (V2I)	✗	✗
Vehicle-to-vehicle communication (V2V)	✗	✗

~ Specifications & availability subject to change. Please check with the vehicle manufacturer for confirmation of vehicle specification.

● STANDARD ○ NOT AVAILABLE ON BASE VARIANT BUT STANDARD OR OPTIONAL ON HIGHER VARIANTS ○ OPTIONAL ✗ NOT AVAILABLE

MODEL VARIANTS:

ANCAP safety ratings do not automatically extend to variants that have different body styles, engine configurations, driven wheels or occupant restraint systems (e.g. fewer airbags). In these cases, ANCAP considers technical evidence submitted by manufacturers before deciding on the extension of a rating to additional variants of a model.

RATING YEAR (DATESTAMP):

The Rating Year denotes the year requirements against which a vehicle has been assessed. The Rating Year is determined by ANCAP and, for vehicles rated from 2018, the Rating Year is the year in which the vehicle was tested.

ASSESSMENT DETAILS

TESTED MAKE / MODEL	BMW 3 Series 320d LHD
TESTED VEHICLE(S) BUILT	2019
TESTED BODY TYPE	4 door sedan
TESTED VEHICLE ENGINE	2.0 litre diesel
RATING PUBLISHED	October 2019
RATING UPDATED	n/a