



Hyundai HB20 Hatchback + 2 Airbags



21.97 max. 34.00 - Adult Occupant



29.64 max. 49.00 - Child Occupant

FRONTAL 10.49 Points (max. 16.00)

SIDE 10.48 Points (max. 16.00)

 **CAR DETAILS**

Tested model: Hyundai HB20 Hatchback
Body type: 5 door Hatchback

Year of publication: 2019
Crash test weight: 1291 kg

Made in: Brazil
Test valid for: Latin NCAP market

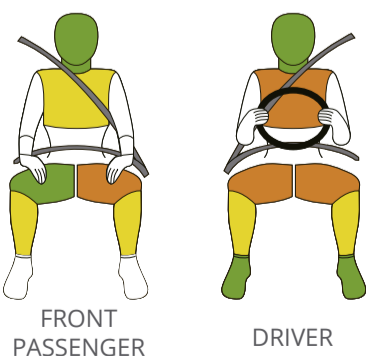
 **SAFETY EQUIPMENT**

Driver frontal airbag	YES	Front seatbelt pretensioners	YES
Front passenger frontal airbag	YES	Front seatbelt pretensioners pass	NO
Side head airbags DRIVER	NO	SBR	YES
Side head airbags PASSENGER	NO	ISOFIX anchorages	YES
Side body airbags DRIVER	NO	ABS (4 channel)	YES
Side body airbags PASSENGER	NO	ESC (UN13 or GTR8)	YES
Driver knee airbag	NO	Side curtain airbags	NO

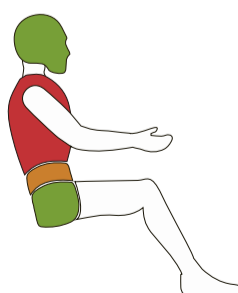


ADULT OCCUPANT PROTECTION

ODB FRONTAL



MBD SIDE



POLE SIDE



PROTECTION ■ GOOD ■ ADEQUATE ■ MARGINAL ■ WEAK ■ POOR

BODYSHELL INTEGRITY **STABLE**

SIDE IMPACT PROTECTION (STRUCTURAL) **YES**

COMMENTS

Adult occupant: Frontal impact: The protection offered to the driver and passenger's head and neck was good. Driver chest showed marginal protection and passenger chest showed adequate protection. Driver and one passenger's knees showed marginal protection as they can impact with dangerous structures behind the fascia, the other passenger's knee showed good protection. Driver and passenger's tibias showed adequate protection. Footwell area was rated as stable. The body shell was rated as stable and it is capable of withstanding further loadings. Side impact: Head and pelvis protection was good, abdomen protection was marginal and chest protection was poor. Side Pole Impact: was not performed as the car does not offer side head protection as standards. ESC: the ESC meets regulatory requirements of Latin NCAP. The car offers Seat belt reminders for driver and passenger. All of the above explain the 1 stars for adult occupant protection.



CHILD OCCUPANT PROTECTION

Dynamic score:
16.00 (max 24)

Installation score:
11.64 (max 12)

Vehicle assessment score:
2.00 (max 13)

CHILD RESTRAINT SYSTEM

	CHILD RESTRAINT	DYNAMIC SCORE	CRS TYPE	ADJUST	POSITION
18 month old child	Römer BabySafe + ISOFIX Base	Frontal 8.00 (8 max) Side 4.00 (4 max)	0+/I	ISOFIX/LEG	RWF
3 year old child	Römer Duo Plus	Frontal 0.00 (8 max) Side 4.00 (4 max)	0+/I	ISOFIX/TT	FWF

CRS INSTALLATION ASSESSMENT

REFERENCE LIST		2ND ROW			
		RIGHT	LEFT	CENTER	RIGHT
Group 0+	Peg Perego Viaggio Switchable	Pass	Pass	Pass	Pass
Group 0+	Roemer Baby Safe	Exempt	Pass	Exempt	Pass
Group 0+	Bébé Confort Streety Fix / Maxi Cosi Citi SPS	Pass	Pass	Pass	Pass
Group I	Peg Perego Viaggio Switchable FWF	Pass	Pass	Pass	Pass
Group I	Graco Cadeira Nautilus FWF	Fail	Pass	Pass	Pass
Group II/III	Burigotto Multipla 1,2,3	Pass	Pass	Pass	Pass
Group II/III	Graco Cadeira Nautilus	Pass	Pass	Pass	Pass
MANUFACTURER		RIGHT	LEFT	CENTER	RIGHT
Q1.5	Römer BabySafe + ISOFIX Base	Exempt	Pass	Exempt	Pass
Q3	Römer Duo Plus	Exempt	Pass	Exempt	Pass

COMMENTS

Child occupant: -The child seat for the 3-year-old child was installed forward facing using ISOFIX anchorages and top tethers and was just capable of preventing excessive forward movement of the head. Neck protection was poor and chest showed low protection during the frontal impact. The restraint system for the CRS failed due to the backrest unlatch under Top tether load. The Q1.5 was installed rearward facing using ISOFIX connectors and a support leg while it offered good protection to the head neck and chest. Side impact: Both dummies showed good protection. Almost all CRSs that were assessed for installation passed. The marking and instructions in the car in relation to CRS meet Latin NCAP requirements. ISOFIX marking did not meet Latin NCAP requirements and Top Tether locations meet Latin NCAP requirements. Rear seat backrest bent and unlocked from the car on the Q3 side It is not possible to disable the passenger airbag in case a rearward facing CRS is installed in the frontal rearward facing. All the above explains the 3 stars for Child Occupant protection.



Latin NCAP

Joaquín Nuñez 2719 Of. 210. ZC 11300. Montevideo, Uruguay
T. +598 2716 8749 | secretaria@latinncap.com