



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING APPROVAL GRANTED OF A TYPE OF MECHANICAL
COUPLING DEVICE OR COMPONENT, PURSUANT TO REGULATION NO 55.01



Approval No: E11*55R01/07*12020*00

1. Trade name or mark of the device or component: CP Witter (Horizon Global)

2. Type of device or component:

HY291 Fixed Flange
HY291Q Detachable Swan
HY291QF Detachable Swan
HY291S Fixed Swan
346172600001 Detachable Swan
346173600001 Fixed Swan

HYUNDAI i20 (2020-) BC3
HYUNDAI BAYON (2021-) BC3 CUV

3. Manufacturer's name and address:

C P Witter Ltd (Horizon Global UK)
Drome Road
Deeside Industrial Estate
Deeside
Flintshire
CH5 2NY
United Kingdom

4. If applicable, name and address of the manufacturer's representative:

Not applicable

5. Alternative supplier's names or trademarks applied to the device or component:

Trimas Corporation, Horizon Global, Trimotive, BTM, Kovil, Hayman Reese, Parkside, Pro Series, Reese, Tow Ready, Draw-Tite, Hidden Hitch, PF Jones, TrailBoss, Westfalia Automotive, Witter Towbars.

6. Name and address of company or body taking responsibility for the conformity of production:

C P Witter Ltd (Horizon Global UK)
Drome Road
Deeside Industrial Estate
Deeside
Flintshire
CH5 2NY
United Kingdom

7. Submitted for approval on: 18 August 2021

8. Technical service responsible for conducting approval tests: Vehicle Certification Agency

9. Brief description:

9.1. Type and class of device or component: A50-X,

9.2. Characteristic values:9.2.1. Primary values

D 7.3 kN

D_c 7.3 kN

S 89 kg

U NA tonnes

V NA kN

Alternative values:

D NA kN

D_c NA kN

S NA kg

U NA tonnes V NA kN

- 9.3. For Class A mechanical coupling devices or components, including towing brackets:
- Vehicle manufacturer's maximum permissible vehicle mass: 1740 kg
- Distribution of maximum permissible vehicle mass between the axles:
- Axle 1: 991 kg Axle 2: 970 kg
- Vehicle manufacturer's maximum permissible towable trailer mass: 1300 kg
- Vehicle manufacturer's maximum permissible static mass on coupling ball: 89 kg
- Maximum mass of the vehicle, with bodywork, in running order, including coolant, oils, fuel, tools and spare wheel (if supplied) but not including driver: 1340 kg
- Loading condition under which the tow ball height of a mechanical coupling device fitted to category M1 ⁽¹⁾ vehicles is to be measured -see paragraph 2 of Annex 7, Appendix 1: Each row 2x68kg + 2x7kg luggage
- 9.4. For class B coupling heads, is the coupling head intended to be fitted to an unbraked O₁ trailer:
No
10. Instructions for the attachment of the coupling device or component type to the vehicle and photographs or drawings of the mounting points (see Annex 2, Appendix 1) given by the vehicle manufacturer: See manufacturer's documents
11. Information on the fitting of any special reinforcing brackets or plates or spacing components necessary for the attachment of the coupling device or component (see Annex 2, Appendix 1):
Not applicable
12. Additional information where the use of the coupling device or component is restricted to special types of vehicles - see Annex 5, paragraph 3.4.: Not applicable
13. For Class K hook type couplings, details of the drawbar eyes suitable for use with the particular hook type: Not applicable
14. Date of test report: 22 September 2021
15. Number of test report: VSY541767
16. Approval mark position: See manufacturer's documents

17. Reason(s) for extension of approval:

Not applicable

18. Approval GRANTED

19. Place: BRISTOL

20. Date: 27 SEPTEMBER 2021

21. Signature:



C McCABE
Chief Technical and Statutory Operations Officer

22. The list of documents deposited with the Type Approval Authority which has granted approval is annexed to this communication and may be obtained on request.

Any remarks: None

(1) As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.3, para. 2 - www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html.