

Underrun protection according to ECE R58 Rev. 3

The new ECE R58 Rev. 3 will apply from 01.09.2019. This states that all vehicles must install an underride protection according to the new directive from September 2021. This applies to type and individual approvals. When the type approval is changed from September 1st, 2019, the underrun protection must be adapted to the new directive. The change in ECE R58 to revision 3 prescribes an increase in the introductory forces (80-100% compared to Rev 2).

We offer "ready for use" systems (including testing and approval) for problem-free approval for your vehicles. Your proof is limited to a computational proof that the forces can be „processed“ within the framework!



Underrun protections „ASPÖCK“

Underrun protection aluminum anodized: default



Underrun protection	Length	Weight	Item no.
Beam incl. Endplates	2400mm	25,8 kg	97 1106 011
Endplate			Item no.
Endplate left			15 5272 007
Endplate right			15 5272 017
Mud guard			Item no.
2400x330mm with imprint			91001

The protective traverse has a standard drilling pattern and can be loaded up to 180 kN. Thanks to a lock groove guide, a quick and easy assembly is possible.



Ing. A.F. Baeder G.m.b.H.: Kolpingstraße 13, A-1230 Vienna

Tel.: +43 (0)1 865 16 40 Fax.: +43 (0)1 865 16 40 - 34 E-Mail: sales@baeder-automotive.com

<https://www.baeder-automotive.com>

Underrun protection aluminum anodized: 3 chamber lamp



Picture: beam for rear lights with additional outlets

Underrun protection (incl. Endplate)	Length	Weight	Item no.
Beam 3-chamber luminaire	2400mm	25,8 kg	97 1103 011
Endplate	Item no.		
Endplate left	15 5272 007		
Endplate right	15 5272 017		
Mud guard	Item no.		
2400x330mm with imprint	91001		



The protective traverse has a drilling pattern for 3 - chamber lights and can be loaded up to 180 kN. Thanks to a lock groove guide, a quick and easy assembly is possible.

Underride protection aluminum: 5 chamber lamps



Underrun protection (incl. Endplate)	Color	Length	Weight	Item no.
Beam 5-chamber-lamp	silver anodized	2400mm	25,8 kg	97 1104 007
Beam 5-chamber-lamp	white RAL9010	2400mm	25,8 kg	97 1104 037
Endplate	Item no.			
Endplate left	15 5272 007			
Endplate right	15 5272 017			
Mud guard	Item no.			
2400x330mm with imprint	91001			



The protective traverse has a drilling pattern for rear lights with additional outlets and can be loaded up to 180 kN. Thanks to a counter-groove guide, assembly is quick and easy.

Underride protection aluminum: undrilled



Underrun protection (incl. Endplate)	Color	Length	Weight	Item no.
Beam aluminum	silver anodized	2400mm	25,8 kg	97 1105 011
Beam aluminum	white RAL9010	2400mm	25,8 kg	97 1107 011
Endplate	Item no.			
Endplate left	15 5272 007			
Endplate right	15 5272 017			
Mud guard	Item no.			
2400x330mm with imprint	91001			



The protective traverse is undrilled and can be loaded up to 180 kN. Thanks to a lock groove guide, a quick and easy assembly is possible.

Fastening brackets on the frame are defined in the report and can be manufactured yourself without losing the approval.

Fixed underrun protection „VBG-RINGFEDER“

Underrun protection aluminum UHAP 180



Underrun protection	Length	Weight	Item no.
UHAP 180	1900mm	25 kg	21-656200
UHAP 180	2400mm	32 kg	21-656100
Mounting kit			Item no.
Angle bracket UHAP 180			21-658900

The protective traverse is available in two lengths for different vehicles and frame widths. The protective traverse is intended for fixed and foldable attachment so that it can be completely adapted to the respective needs.

Underrun protection steel UOSP 180



Underrun protection	Length	Weight	Item no.
UOSP 180 gray	2360mm	41,7 kg	21-643978
UOSP 180 silver	2360mm	41,7 kg	21-643982
UOSP 180 stainless steel	2360mm	51 kg	21-720700
Mounting kit			Item no.
Angle bracket UOSP 180			21-656900

This open protective beam made of steel is adaptable and can be easily supplemented with lighting and license plates.

Underride protection UCSP 180 - TOW



Underrun protection	Bullet-bracket	Length	Weight	Item no.
UCSP 180-TOW	Yes	2362mm	61 kg	21-732678
UCSP 180-TOW	No	2362mm	57 kg	21-732778
Ball coupling				Item no.
Ball coupling 50 mm				07-122500

The underrun protection is approved for the assembly of the ball bracket. The protective bar is equipped with protective caps on the sides. A contour marking extends over the entire length of the bar, which ensures better visibility and more safety in traffic.

Underrun protection steel UCSP 180 - FIXED



Underrun protection TRUCK	Length	Fastening width	Weight	Item no.
UCSP 180 gray	1912mm	760-850mm	35 kg	21-701878
UCSP 180 silver	1912mm	760-850mm	35 kg	21-701582
UCSP 180 gray	2362mm	760-870mm	41,9 kg	21-701778
UCSP 180 silver	2362mm	760-870mm	41,9 kg	21-701482
Underrun protection TRAILER	Length	Fastening width	Weight	Item no.
UCSP 180 gray	2362mm	920-1056mm	41,9 kg	21-716078
UCSP 180 silver	2362mm	920-1056mm	41,9 kg	21-715982
UCSP 180 gray	2362mm	1057-1194mm	41,9 kg	21-715478
UCSP 180 silver	2362mm	1057-1194mm	41,9 kg	21-715382
UCSP 180 gray	2362mm	1195-1332mm	41,9 kg	21-715778
UCSP 180 silver	2362mm	1195-1332mm	41,9 kg	21-715682
Mounting kit				Item no.
Angle bracket UCSP 180				21-681500



The protective traverse is equipped with protective caps on the sides and has integrated reflectors. A contour marking extends over the entire length of the traverse, which ensures better visibility and safety in traffic.

EDSU 180 (Half bottom mounting)

EDSU 180 DAF

21-679078 (H=140)
21-678778 (H=190)



EDSU 180 Iveco

21-680878 (H=140)
21-680578 (H=190)



EDSU 180 MAN

21-677478 (H=140)
21-677178 (H=190)



EDSU 180 Mercedes

21-678078 (H=140)
21-677778 (H=190)



EDSU 180 Volvo / Renault

21-680278 (H=140)
21-679978 (H=190)



EDSU 180 Scania

21-679678 (H=140)
21-679378 (H=190)



EDHU 180 DAF

21-674278 (H=140)
21-673978 (H=190)



EDHU 180 Iveco

21-676078 (H=140)
21-675778 (H=190)



EDHU 180 MAN

21-674878 (H=140)
21-674578 (H=190)



EDHU 180 Mercedes

21-673678 (H=140)
21-673378 (H=190)



EDHU 180 Volvo / Renault

21-675478 (H=140)
21-675178 (H=190)



EDHU 180 Scania

21-676678 (H=140)
21-676378 (H=190)



EUH 180 DAF

21-692278 (H=195)
21-691978 (H=245)
21-691678 (H=295)



EUH 180 Iveco

21-694978 (H=195)
21-694678 (H=245)
21-694378 (H=295)



EUH 180 MAN

21-690478 (H=195)
21-690178 (H=245)
21-689878 (H=295)



EUH 180 Mercedes

21-691378 (H=195)
21-691078 (H=245)
21-690778 (H=295)



EDSU 180 Volvo / Renault

21-693778 (H=245)
21-693478 (H=295)



EUH 180 Scania

21-693178 (H=195)
21-692878 (H=245)
21-692578 (H=295)



EUM 180 DAF

21-685978 (H=325)
21-685678 (H=375)
21-685378 (H=425)
21-685078 (H=457)



EUM 180 Iveco

21-689578 (H=325)
21-689278 (H=375)
21-688978 (H=425)
21-688678 (H=457)



EUM 180 MAN

21-683578 (H=325)
21-683278 (H=375)
21-682978 (H=425)
21-682678 (H=457)



EUM 180 Mercedes

21-684778 (H=325)
21-684478 (H=375)
21-684178 (H=425)
21-683878 (H=457)



EUM 180 Volvo / RVi

21-688378 (H=325)
21-688078 (H=375)
21-687778 (H=425)
21-687478 (H=457)



EUM 180

EUM 180 Scania

21-687178 (H=325)
21-686878 (H=375)
21-686578 (H=425)
21-686278 (H=457)



EUHC 180

EUHC 180

21-706878



EUMC 180

EUMC 180

21-706778



EUT 180

EUT 180

21-707678



EUMC 180

Backward extension UPS 180

21-698978 (EDHU, EUP180, EUP 180 - MFC)
21-699078 (EDSU, EUHC 180, EUMC 180)
21-699178 (EUH 180, EUM 180)
21-730178 (EUT 180)
21-738378 (EUH 180, EUM 180)



EUM 180 (Assembly directly in the frame)

Mounting brackets:

These brackets must be used urgently for assembly in accordance with the approval!

Further versions can be found at: <https://www.vbg.eu/en/products/underrun-protection/fix-ed-mounting/>

Foldable underrun protection „VBG-RINGFEDER“

Underrun protection steel UCSP 180 - PIVOTING MOUNTING



Underrun protection	Length	Weight	Item no.
UCSP 180 grau	2362mm	41,9 kg	21-670178
UCSP 180 silber	2362mm	41,9 kg	21-670082
Mounting kit			Item no.
Angle bracket UCSP 180			21-681500

The protective traverse is equipped with protective caps on the sides and has integrated reflectors. A contour marking extends over the entire length of the traverse, which ensures better visibility and safety in traffic.

EUH 180 - Underrun protection with folding system with UHAP 180



Underrun protection	Weight	Item no.
DAF	92,4 kg	21-664178
Iveco	92,4 kg	21-664478
Scania, MAN	92,4 kg	21-664278
Mercedes	92,4 kg	21-664578
Volvo, Renault	92,4 kg	21-664378

The system with a protective cross-beam made of aluminum makes it easier to fold in and out if necessary, for example to reach a coupling that is mounted deep and far back, which is the case with large bulk trailers.

RUF R919 - Underrun protection with folding system - galvanized



Underrun protection	Length	Weight	Item no.
DAF	505mm	104 kg	15 990 390
	585mm	106 kg	15 990 393
Iveco	505mm	101 kg	15 990 402
	585mm	102 kg	15 990 405
Scania, MAN	505mm	100 kg	15 990 384
	585mm	102 kg	15 990 387
Mercedes	505mm	100 kg	15 990 408
	585mm	102 kg	15 990 411
Volvo, Renault	505mm	102 kg	15 990 396
	585mm	104 kg	15 990 399

The system with a steel protective traverse with a cylindrical profile makes it easier to fold in and out when required, for example to reach a coupling that is mounted deep and far to the rear.

RUF R919 - Underrun protection with folding system - KTL



Underrun protection	Length	Weight	Item no.
DAF	505mm	104 kg	15 990 391
	585mm	106 kg	15 990 394
Iveco	505mm	101 kg	15 990 403
	585mm	102 kg	15 990 406
Scania, MAN	505mm	100 kg	15 990 385
	585mm	102 kg	15 990 388
Mercedes	505mm	100 kg	15 990 409
	585mm	102 kg	15 990 412
Volvo, Renault	505mm	102 kg	15 990 397
	585mm	104 kg	15 990 400

The system with a steel protective traverse with a cylindrical profile makes it easier to fold in and out if necessary, for example to reach a coupling that is mounted deep and far back.

RUF R919 - Underrun protection with folding system - powder coated - black



Underrun protection	Length	Weight	Item no.
DAF	505mm	104 kg	15 990 389
	585mm	106 kg	15 990 392
Iveco	505mm	101 kg	15 990 401
	585mm	102 kg	15 990 404
Scania, MAN	505mm	100 kg	15 990 383
	585mm	102 kg	15 990 386
Mercedes	505mm	100 kg	15 990 407
	585mm	102 kg	15 990 410
Volvo, Renault	505mm	102 kg	15 990 395
	585mm	104 kg	15 990 398

The system with a steel protective traverse with a cylindrical profile makes it easier to fold in and out when required, for example to reach a coupling that is mounted deep and far back.

RUF U919 - Underrun protection with folding system - KTL



Underrun protection	Weight	Item no.
DAF	108 kg	15 990 493
Iveco	108 kg	15 990 494
Scania, MAN	108 kg	15 990 496
Mercedes	108 kg	15 990 495
Volvo, Renault	108 kg	15 990 497

Thanks to the user-friendly design, strenuous and dangerous work when operating the system is avoided.

RUF U919 - Underrun protection with folding system - Powder coating - black



Underrun protection	Weight	Item no.
DAF	107,3 kg	15 990 493
Iveco	107,3 kg	15 990 499
Scania, MAN	107,3 kg	15 990 501
Mercedes	107,3 kg	15 990 500
Volvo, Renault	107,3 kg	15 990 502

Thanks to the user-friendly design, strenuous and dangerous work when operating the system is avoided.

URSP 180 - extendable underrun protection - MANUALLY



Silver version available on request

Length	Handling	Parallel strut	Item no.
600mm	Manual	Yes	21-703978
		No	21-708078
800mm	Manual	Yes	21-704078
		No	21-708178
1000mm	Manual	Yes	21-704178
		No	21-707878
1170mm	Manual	Yes	21-704278
		No	21-707978
Mounting kit			Item no.
Angle bracket URSP 180			21-705978



URSP 180 - extendable underrun protection - HYDRAULIC



Silver version available on request

Length	Handling	Parallel strut	Item no.
600mm	Hydraulic	Yes	21-749778
		No	21-749378
800mm	Hydraulic	Yes	21-749878
		No	21-749478
1000mm	Hydraulic	Yes	21-749978
		No	21-749578
1170mm	Hydraulic	Yes	21-750078
		No	21-749678
Mounting kit			Item no.
Angle bracket URSP 180			21-705978



With the fully assembled and retractable underrun protection from VBG, the protective traverse can easily be brought into the desired position. There are four arm lengths to choose from for optimal adjustment.

EDUS 180 DAF

21-698578 (60x60mm)



EDUS180 Iveco

21-698278 (45x45mm)



EDUS 180 MAN

21-697678 (50x40/50mm)

EDUS 180
Mercedes

21-697978 (50x50mm)

EDUS 180
Volvo / Renault

21-696878 (50x60mm)



EDUS 180 Scania

21-696578 (50x50mm)



EDH-3 180 DAF

21-214278 (60x60mm)



EDH-3 180 Iveco

21-214578 (45x45mm)



EDH-3 180 MAN

21-213078 (50x40/50/50mm)



EDH-3 180 Mercedes

21-213378 (50x45mm)

EDH-3 180
Volvo / Renault

21-213978 (50x60mm)

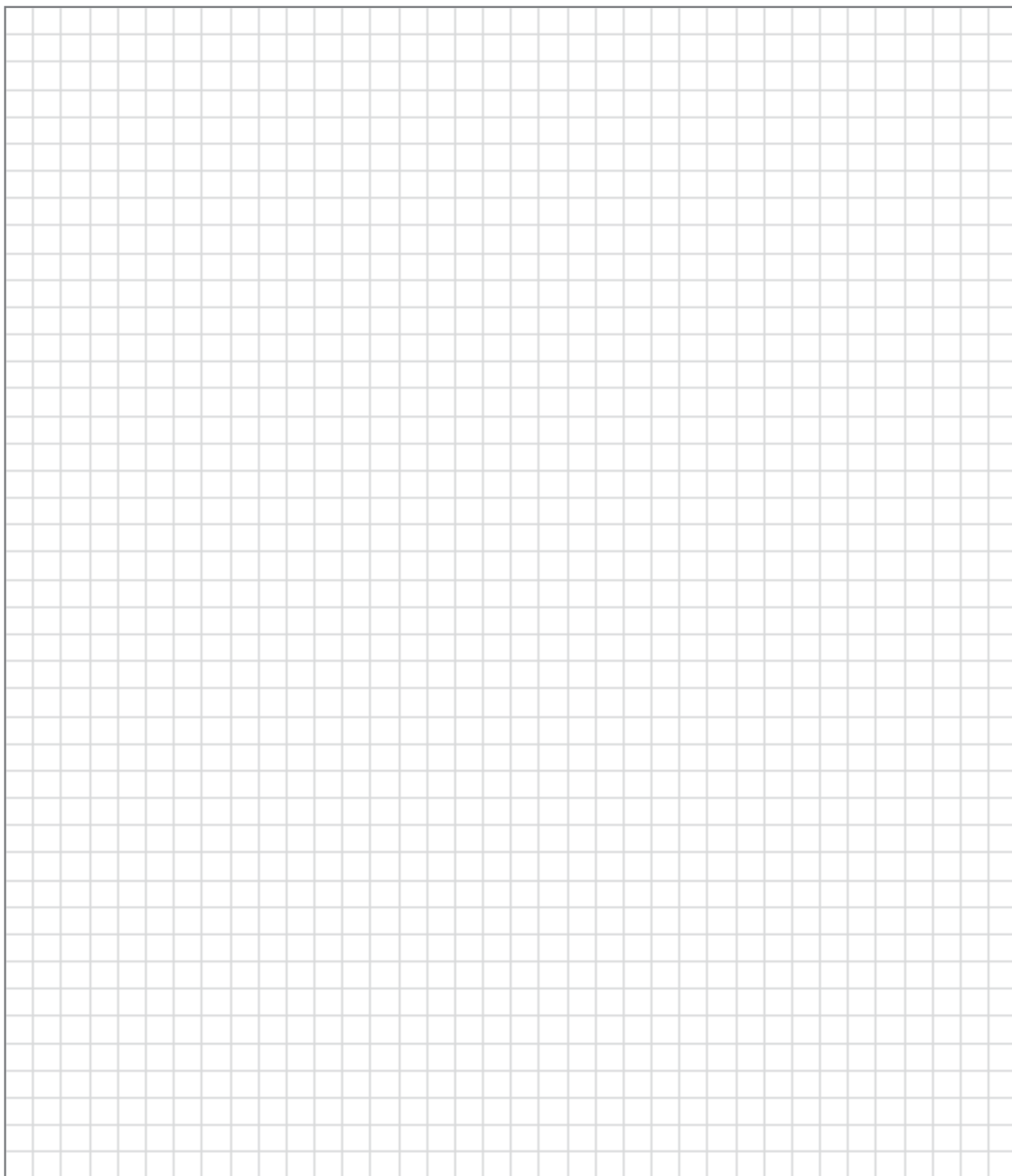


EDH-3 180 Scania

21-213678 (50x50mm)



Mounting brackets:
These brackets must be
used urgently for assembly
in accordance with the
approval!



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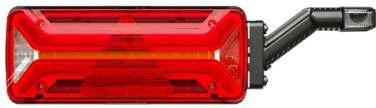
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Ing. A.F. Baeder Ges.m.b.H. • Kolpingstraße 13 • 1230 Wien
sales@baeder-automotive.com • Tel: +43 (0)1/865 16 40 • Fax: +43 (0)1/865 16 40 - 34

