



30/10/2019



Lifting instructions



GENERAL

- Lifting may be only performed by appropriately trained personnel.
- Lifting of products may only be carried out using lifting equipment approved for the intended purpose.
- Follow the instructions and guidelines that apply to the relevant lifting method and lifting accessories.
- Carefully read our instructions that apply to each product and size.
- Only the product may be lifted. The lifting of person or other types of lifting must not be performed when lifting the roof cowl.

- Do not stand under suspended loads.
- Carefully check that the assigned lifting points are not damaged before lifting.
- The Roof Inlets are lifted separately.

When lifting our roof cowls, the methods described for the particular cowl model must be applied. We recommend that the H-yoke or frame-yoke is used when lifting products with four lifting points or more to ensure a so evenly distributed load as possible.

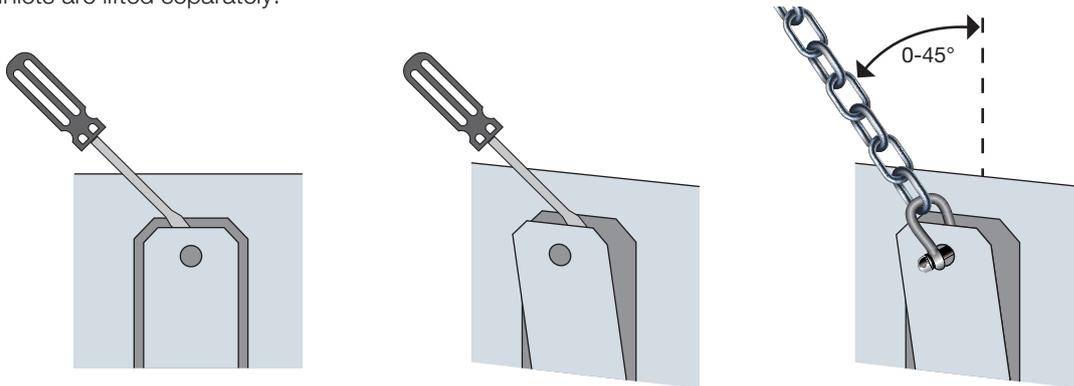


DELTA-AH/-AD/-DA size 200 - 1000

Approved shackles, lifting or sling hooks must be used in combination with chains, slings or straps when lifting DELTA-AH/-AD/-DA size 200-1000. Approved rigging screws must be used to compensate angles or lengths.

1. Before lifting: Carefully read the general lifting instructions that apply for the DELTA series (see page 1).
2. The Roof Inlets are lifted separately.

2. When lifting DELTA-AH/-AD/-DA size 200-1000, the integrated lifting points are simply opened out by using a screwdriver or knife to permit the attachment of shackles or hooks. Check that the specified angle of the attached lifting gear is not exceeded. The cowl is raised from all lifting points.
Number of lifting points: 4 pcs

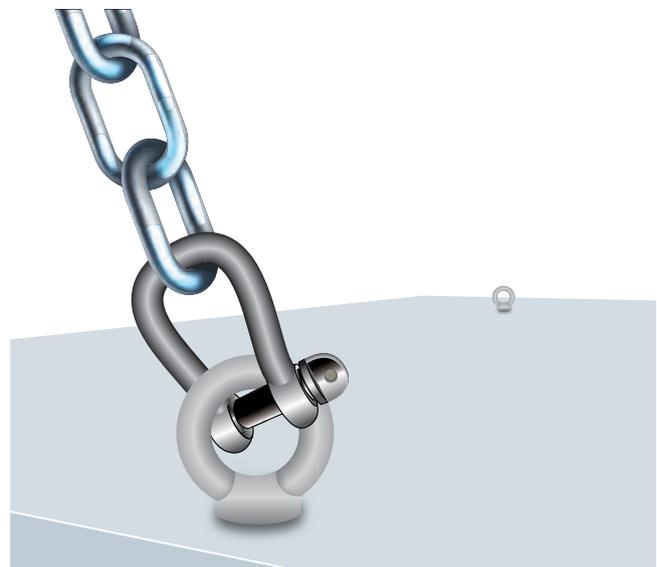
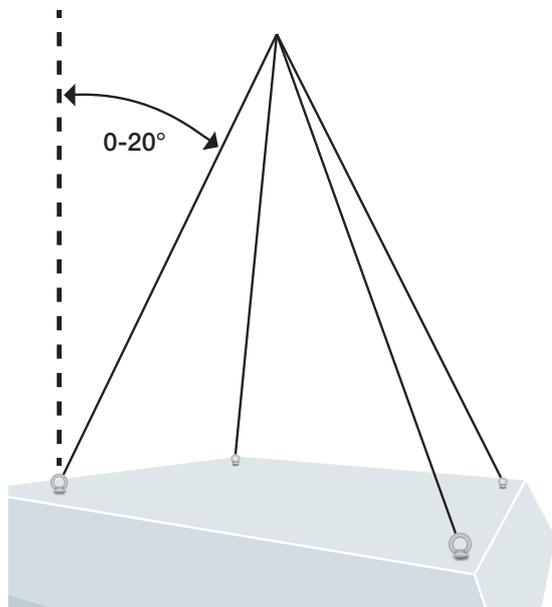


DELTA-AH size 1200 - 2000, DELTA-AD 1200 - 1400, DELTA-DU 200 - 2000 and DELTA-DA 1200 - 2000

Approved eyebolts with pins must be used in combination with chains, slings or straps when lifting DELTA-AH size 1200 - 2000, DELTA-AD 1200 - 1400, DELTA-DU 200 - 2000 and DELTA-DA 1200 - 2000. Approved rigging screws must be used to compensate angles or lengths.

1. Before lifting: Carefully read the general lifting instructions that apply for the DELTA series (see page 1).
2. The Roof Inlets are lifted separately.

3. DELTA-AH size 1200-2000, DELTA-AD 1200 - 1400, DELTA-DU 200 - 2000 and DELTA-DA 1200 - 2000 is supplied with 4 lifting points with corresponding eyebolts for the lifting equipment. The cowl is raised from all lifting points.
4. The lifting eye is fitted and fully tightened over its entire length so that it lies flat against the surface.
5. After lifting, remove the eyes where necessary and replaced with screws.

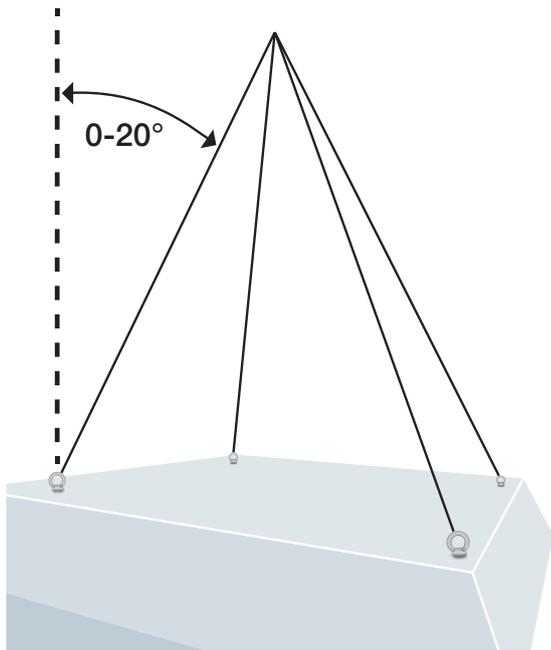




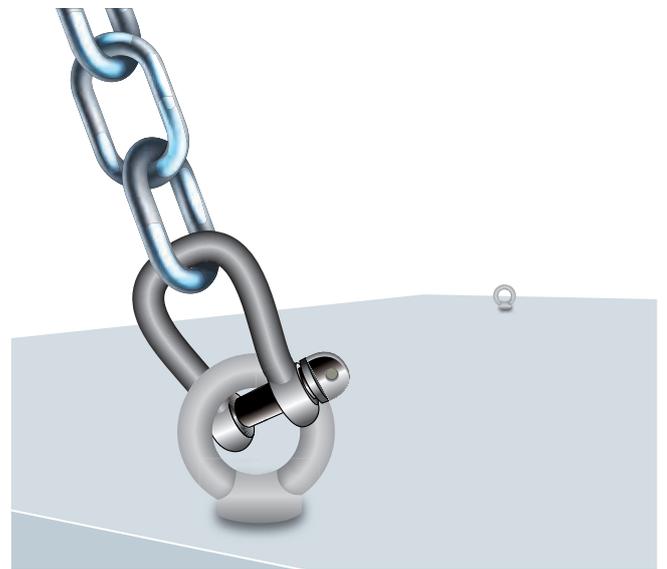
DELTA-UH size 200 - 2000 and DELTA-UD size 200 - 1400

Approved eyebolts with pins must be used in combination with chains, slings or straps when lifting DELTA-UH and DELTA-UD. Approved rigging screws must be used to compensation angles or lengths.

1. Before lifting: Carefully read the general lifting instructions that apply for the DELTA series (see page 1).
2. The Roof Inlets are lifted separately.



3. DELTA-UH and DELTA-UD is supplied with 4 lifting points with corresponding eyebolts for the lifting equipment. The cowl is raised from all lifting points.
4. The lifting eye is fitted and fully tightened over its entire length so that it lies flat against the surface.
5. After lifting, remove the eyes where necessary and replaced with screws.



DELTA-KH size 200 - 2000 and DELTA-KD size 200 - 1400

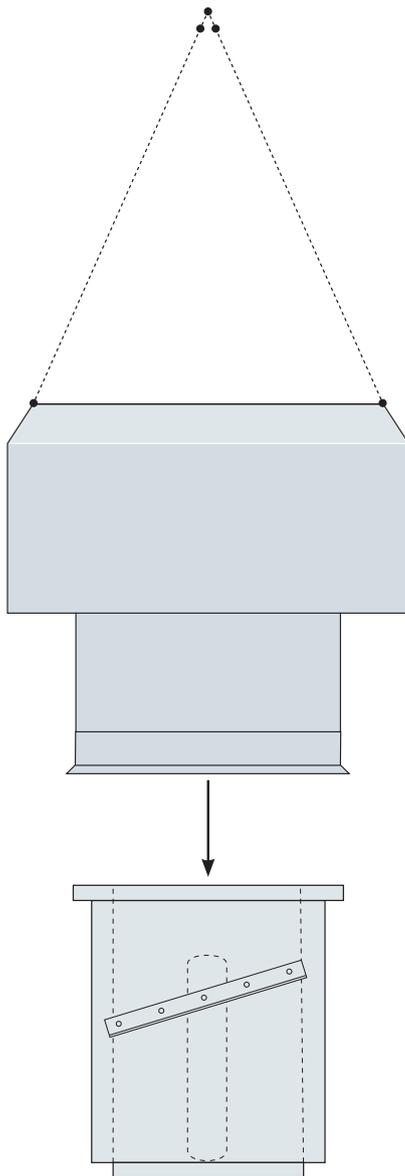
Approved eyebolts, shackles, lifting or sling hooks must be used in combination with chains, slings or straps when lifting DELTA-KH and DELTA-KD. Approved rigging screws must be used to compensation angles or lengths.

1. Before lifting: Carefully read the general lifting instructions that apply for the DELTA series (see page 1).
2. The Roof Inlets are lifted separately.
3. DELTA-KH 200 - 1000 and DELTA-KD 200 - 1400 is supplied with 2 attachment points with associated eyebolts and 2 lifting points for shackles or hooks.

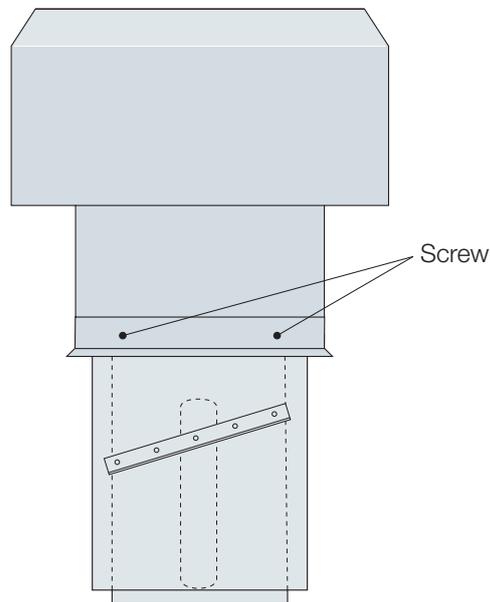
DELTA-KH 1200 - 2000 and DELTA-KD 1200 - 1400 is supplied with 4 lifting points with corresponding eyebolts.

The cowl is raised from all lifting points.

4. The lifting eye is fitted and fully tightened over its entire length so that it lies flat against the surface.
5. Only applies to DELTA-KH 200 - 1000 and DELTA-KD 200 - 1400: The integrated lifting points are opened out by using a screwdriver or knife to permit the attachment of shackles or hooks.
 - Check that the specified angle of the attached lifting gear is not exceeded.
6. After lifting, remove the eyes where necessary and replaced with screws.



1. The cowl is lifted in place using the integrated lift points. Follow the instructions for performing safe lifting.
2. Place the roof cowl on the roof inlet. Secure the cowl with screws in the holes located at the cowl lifting points. Use self-tapping sheet metal screws 4,8 x 25 mm or equivalent.



NB: The cowl and roof inlet are mounted horizontally.

Weights

Size	Weight kg				
	DELTA-AH	DELTA-UH	DELTA-KH	DELTA-DU	DELTA-DA
200	14	13	23	26	28
300	22	19	34	38	44
400	30	27	47	54	60
500	40	35	63	70	80
600	52	45	81	90	104
800	80	68	122	138	160
1000	113	95	172	190	226
1200	162	141	246	282	324
1400	209	181	316	362	418
1600	262	225	395	450	524
1800	321	274	482	548	642
2000	386	328	578	656	772

Size	Weight kg		
	DELTA-AD	DELTA-UD	DELTA-KD
200	19	18	30
300	29	27	44
400	40	38	61
500	54	49	82
600	70	63	105
800	107	95	159
1000	160	147	236
1200	230	215	332
1400	295	270	423