PHILIPPGROUP

Spherical head double-headed anchor

VB3-T-036-en - 01/24 - PDF

Data sheet

Our products from the division
BUILDING SOLUTIONS

SERVICES

» On-site tests -> we ensure that your requirements are properly covered by our planning.

» Test reports -> for your safety and documentation.

» Trainings -> the knowledge of your employees from planning and production is enhanced by our experts on site, online or via webinar.

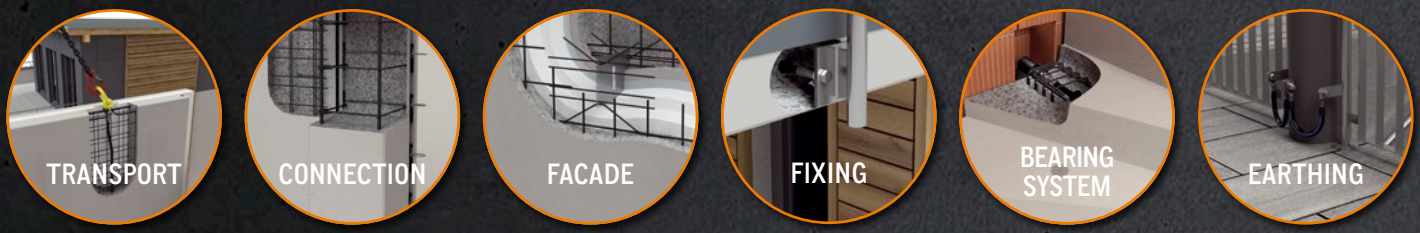
» Planning support -> latest design software, planning documents, CAD data and much more can be downloaded any time from www.philipp-group.de.

HIGH DEMANDS ON PRODUCT SAFETY AND PRACTICALITY

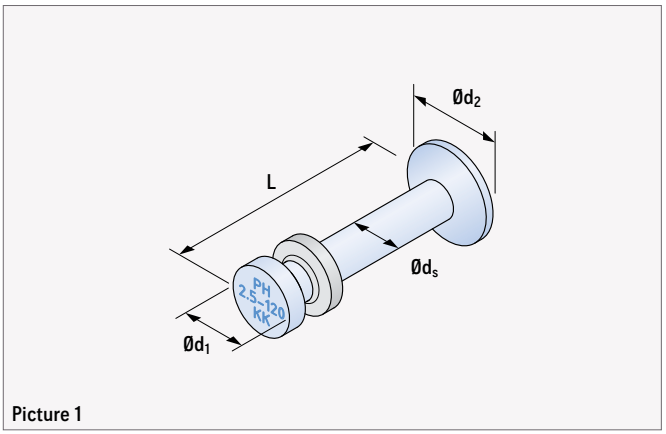
» Close cooperation with notified bodies and - if necessary - approval of our solutions.

TECHNICAL DEPARTMENT

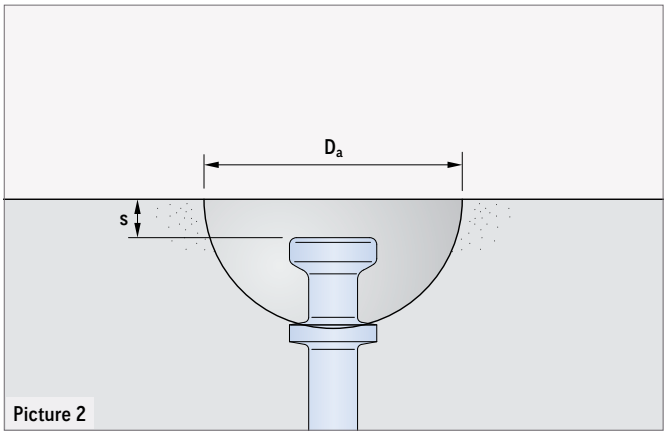
» Our expert-team will support you at any time during your planning phase with detailed advice.



GENERAL PRODUCT INFORMATION



Picture 1



Picture 2

The Spherical head double-headed anchor is part of the PHILIPP transport anchor system. Its use requires also the compliance with the Installation Instruction for the belonging lifting device (Lifting clutch). The anchor may only be used in combination with the mentioned PHILIPP lifting device.

Depending on the individual application it might be necessary to contact our technical department.
The Spherical head double-headed anchor is fixed with recess formers (83-AKS-___ oder 83-AKM-___) to the mould before concreting.

TABLE 1: DIMENSIONS OF THE SPHERICAL HEAD DOUBLE-HEADED ANCHOR

Ref. no.	Type	perm. F_Z ① (kN)	Dimensions					
			L (mm)	$Ød_s$ (mm)	$Ød_1$ (mm)	$Ød_2$ (mm)	s (mm)	D_a (mm)
81-013-040MA	KK 1.3	13.0	40	10	18	25	10	60
81-013-050MA	KK 1.3	13.0	50	10	18	25	10	60
81-013-065MA	KK 1.3	13.0	65	10	18	25	10	60
81-013-085MA	KK 1.3	13.0	85	10	18	25	10	60
81-025-065MA	KK 2.5	25.0	65	14	25	35	11	74
81-025-085MA	KK 2.5	25.0	85	14	25	35	11	74
81-025-120MA	KK 2.5	25.0	120	14	25	35	11	74

① Load bearing capacity of steel for axial tension. The weight of 1.0 t corresponds to 10.0 kN.

LOAD CLASSES

To differentiate between the various sizes of spherical head transport anchors, they are labelled on the anchor head. Among other things, this enables a simple assignment to the corresponding load class of the lifting equipment. (see table 1: Type)

MATERIALS

The Spherical head double headed anchor is made of special round steel bar material. Besides the standard version in black steel the anchors can be supplied also in electro-galvanised or stainless steel material.

CORROSION

If the concrete elements with installed Spherical head double-headed anchors are stored outside for a longer time (contact with rain or humidity causes moisture insight the recesses) corrosion may reduce the bearing capacity of the Spherical head double-headed anchor. Therefore the anchor may fail under load. In addition, marks on the concrete surface caused by corrosion may appear.

EC-DECLARATION OF CONFORMITY

The EC Declaration of Conformity (DoC) of the Spherical head double-headed anchors can be downloaded from our website www.philipp-gruppe.de or is available on request.

FURTHER QUESTIONS

If you have further questions, please have a look at our website www.philipp-group.de or call our technical department under +49 6021 40 27-318 resp. send an email to technik@philipp-gruppe.de.

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