

PHILIPPGROUP

PHILIPP Lightweight concrete anchor



VB3-T-045-en - 01/16

Data sheet

PHILIPP Lightweight concrete anchor

Lightweight concrete anchors are used for the transport of elements made of concrete with open structure resp. low concrete strength classes. They are available in three different versions. Either with crimped-on wire rope loop at the end of the rebar (type 1), with threaded insert (type 2) or with spherical head (type 3).

When using Lightweight concrete anchors attention must be paid to the General Installation Instruction as well as the documentation for the corresponding PHILIPP lifting devices (Wirbelstar, Lifting loop with threaded end, Lifty or Spherical head lifting clutch). Depending on the individual application it might be necessary to contact our technical department before use.

Table 1: Anchor with crimped-on wire rope loop (type 1)

Ref.-No.	perm. F ① [kN]	Ø _{d_s} [mm]	L [mm]	a [mm]	Colour code	Weight [kg/100 pcs.]
73MW102250LB	14.0	10	2250	115	● Jet black	210.0
73MW122250LB	20.0	12	2250	115	● Clay brown	270.0
73MW142250LB	31.0	14	2250	175	● Pastel orange	380.0
73MW162250LB	40.0	16	2250	230	● Emerald green	515.0

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

Table 2: Anchor with crimped-on threaded insert (type 2)

Ref.-No.	Load class	perm. F ① [kN]	RD	Ø _{d_s} [mm]	L [mm]	a [mm]	Weight [kg/100 pcs.]
73HM162250LB	● 16	12.0	16	10	2250	115	200.0
73HM202250LB	● 20	20.0	20	12	2250	115	270.0
73HM242250LB	● 24	25.0	24	14	2250	175	375.0
73HM302250LB	● 30	40.0	30	16	2250	230	510.0

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

Table 3: Anchor with spherical head (type 3)

Ref.-No.	Load class	perm. F ① [kN]	Ø _{d_s} [mm]	L [mm]	a [mm]	ØD	Weight [kg/100 pcs.]
73KK142250LB	● 2.5	25.0	14	2250	175	25	360.0
73KK182250LB	● 4.0	40.0	18	2250	230	36	670.0

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

☎ If you have further questions, please have a look at our website www.philipp-group.de or contact our technical department via phone +49 6021 4027-318 or send an email to technik@philipp-group.de.

