



Ósrodek Badań, Atestacji i Certyfikacji Sp. z o.o.
44-122 Gliwice, ul. Toruńska 27

Gliwice, 02.06.2016

Certificate
of protection degree test for ingress
of solid particles and water
No. OBAC/0204/IP/16
(Translation)

(1) The Institute for Research, Attestation and Certification "OBAC" Ltd. confirms the test of protection class ensured by the enclosure against access to dangerous parts, penetration by foreign solid particles and by water according to the PN-EN 60529:2003+A2:2014 standard.

(2) Manufacturer: **LIMATHERM COMPONENTS Sp z o.o.**
ul. Żelazna 5
41-506 Chorzów

(3) Device:

Aluminum heads type:

- NAA
- DNAG, CE, CEEH
- GHP
- G12
- Family: DAN, DANW, DANA, DANAW, DANAF, DANAFW, DANA H
- Family: DA, DAD, DADW, DAA, DAAD, DAW, DAWwin, DAADW, DAAW, DAH, DAAH
- Family: DAND, DANDW, DANDH, DANDF, DANDFW, DANDwin, DANDWwin, DANDFwin, DANDFWwin
- Family: MA, MAA
- Family: B, BA, BAW
- Family: A, AA, AD, AAD, AAL
- Family: KNE, KNP, KSE

Plastic heads type:

- Family: BBK
- Family: DSN, DSNW

Stainless-steel heads type:

- Family: MBEG, BEG, BEC, MBEGF, BEGF, BEGFwin, BAEG, BAEGF, BAEGwin, BEGwin

Cast-iron heads type:

- BGG

On the basis of the tests conducted, it is stated that the device referred to in point (3) and made according to the documentation referred to in point (4) provides protection against penetration by foreign solid particles and water in the class – IP 68.



by proxy of Certification
Body Manager

Piotr Barglik

Piotr Barglik M. Sc.



OBAC



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Schedule No. 1
to the Certificate No. OBAC/0204/IP/16

- (4) Technical documentation:
– Product Catalogue Version 14.04
- (5) Test results are given in test report:
– “OBAC” Institute for Research and Certification Ltd. LABOREX Laboratory. Examination Report No. LL/122/2016/A. Gliwice, 16.05.2016.

