Alnor Systemy Wentylacji Sp. z o.o.
Aleja Krakowska 10, 05-552 Wola Mrokowska
tel.: + 48 22 737 40 00, fax.: + 48 22 737 40 04
e-mail: alnor@alnor.com.pl, www.alnor.com.pl

NATIONAL DECLARATION OF PERFORMANCE

No. 019/06/26

1. Name and trade name of the construction product:

   Elements of the FIX system for suspending ventilation ducts made of steel covered with anti-corrosion zinc coating or corrosion-resistant steel:

   - suspension of rectangular ducts (ducts), made of galvanized steel: EQVS, EQZS, EQLS, EQVS-S, EQZS-S, EQLS-S, made of corrosion-resistant steel grade 1.4301/304: EQVS-KWS, EQZS-KWS, EQLS- KWS,

   - suspension clamps for round ducts, made of galvanized steel: CLR, CLRL, made of corrosion-resistant steel grade 1.4301/304 and 1.4404/316L: CLR-K, CLRL-K, with nominal diameters 80 - 1600 mm,

   - heavy-duty suspension clamps for round ducts, made of galvanized steel CLRL-C, with nominal diameters 20-224mm,

   - suspension clamps for round ducts, made of galvanized steel CLRU, with nominal diameters 80-800 mm,

   - beam clamps for threaded rods, made of galvanized steel: B-CLB-M, B-CLB complete with screws M6, M8, M10,

   - G-clamps for rectangular duct flange frames, made of galvanized steel KLQ with an M8 screw, made of corrosion-resistant steel grade 1.4301/304 KLQ-K, made of corrosion-resistant steel grade 1.4404/316L KLQ-K-316L,

   - perforated tapes made of galvanized steel: PB-17-06, PB-25-08.

2. Designation of construction product type: **Fixing / suspending ducts.**

3. Intended use(s):

   Intended for suspending ventilation ducts, to the extent resulting from functional properties

4. Manufacturer's name and registered office address and place of production:

   Alnor Systemy Wentylacji Sp. z o.o.
   00-719 Warsaw ul. Zwierzyniecka 8b, POLAND
   Tel.: + 48 22 737 40 00, Fax.: + 48 22 737 40 04
   Production place: Poland, China

5. Authorized representative's name and registered office address, if any: **not applicable.**

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6. The national system used to assess and verify the constancy of performance:
conformity assessment system 4.

7. National technical specification:

7a. Polish Product Standard: **PN-EN 12236:2003**

Name of the accredited certification body, accreditation number and national certificate number or name of the accredited laboratory/laboratories and accreditation number): **not applicable.**

7b. National technical assessment: **not applicable.**
Technical assessment unit/National technical assessment unit**: not applicable.**

8. Declared performance

Essential characteristics of the product for the intended use or uses	**Declared performance**	**Comments**
Material	Corrosion-resistant steel 1.4301/304, 1.4404/316L	according to PN-EN 10088-1:2014
	DX51+Z steel	according to PN-EN 10346:2015
	B-CLB and B-CLB-M – QT 450-10 grade steel	according to EN 10027-1
Durability of the zinc coating	100 g/m², thickness ≥ 7 µm	according to PN-EN 10346:2015
Characteristic capacities	Table no. 1	

Table no. 1 Design and characteristics capacities

Lp.	**Symbol**	**Characteristic capacities, kN**	**Design capacities, kN**
EQZS, EQZS-S, EQLS, EQLS-S, EQVS, EQVS-S suspending			
1	EQZS, EQZS-S	1,20	0,63
2	EQLS, EQLS-S	1,20	0,63
3	EQVS, EQVS-S	1,00	0,52
CLR i CLRL mounting clamps, Ø d, mm			
4	80	0,90	0,45
5	100	0,90	0,45
6	125	0,90	0,45

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7	140	0,90	0,45
8	150	0,76	0,38
9	160	0,76	0,38
10	180	0,76	0,38
11	200	0,76	0,38
12	224	0,72	0,36
13	250	0,72	0,36
14	280	0,72	0,36
15	300	0,72	0,36
16	315	0,72	0,36
17	355	0,64	0,32
18	400	0,64	0,32
19	450	0,84	0,42
20	500	0,80	0,40
21	560	0,80	0,40
22	600	0,80	0,40
23	630	0,80	0,40
24	710	0,80	0,40
25	800	0,80	0,40
26	900	0,80	0,40
27	1000	0,80	0,40
28	1120	0,80	0,40
29	1250	0,80	0,40
30	1400	0,80	0,40
31	1500	0,80	0,40
32	1600	0,80	0,40
CLRL-C mounting clamps, Ø d [mm]			
33	20-24	2,00	1,00
34	25-32	2,00	1,00
35	32-38	2,00	1,00
36	39-46	2,00	1,00
37	48-53	2,00	1,00
38	59-66	2,00	1,00
39	74-80	2,16	1,08
40	87-94	2,16	1,08
41	108-116	2,16	1,08
42	135-143	4,00	2,00
43	162-170	4,00	2,00
44	216-224	4,00	2,00
CLRU mounting clamps, Ø d [mm]			
45	80	1,00	0,50
46	100	1,00	0,50
47	125	1,00	0,50
48	140	1,00	0,50

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49	150	1,00	0,50
50	160	1,00	0,50
51	180	1,00	0,50
52	200	1,00	0,50
53	224	1,00	0,50
54	250	1,00	0,50
55	280	1,00	0,50
56	300	1,00	0,50
57	315	1,00	0,50
58	355	1,00	0,50
59	400	1,00	0,50
60	450	-	-
61	500	-	-
62	560	-	-
63	600	-	-
64	630	-	-
65	710	-	-
66	800	-	-
B-CLB and B-CLB-M beam clamps			
67	B-CLB M6 B-CLB-M M6	2,40	1,26
68	B-CLB M8 B-CLB-M M8	4,00	2,10
69	B-CLB-M M10	4,60	2,42
KLQ clamps			
70	KLQ	1,40	0,70
PB perforated tape			
71	PB-17-06	2,30	1,15
72	PB-25-08	3,60	1,80

9. The performance of the product specified above is in accordance with all declared performance properties as listed in Section 8. This national declaration of performance is issued in accordance with the Act on construction products of 16 April 2004, under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by
(name and surname, position)

Piotr Grzechowiak
Testing and certification manager

Wola Mrokowska, 18.06.2026

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(issue place and date)

(signature)