

Clearance Certificate

Certification of successful component testing in accordance with DIN EN ISO 4210 of the following SQlab handlebars and stems

Art. No.	Description	EAN Code	ASTM F2043-13
2051	Handlebar 30X Carbon low rise - 12°	4260086856526	5
2052	Handlebar 30X Carbon med rise - 12°	4260086856533	5
2053	Handlebar 30X Carbon high rise - 12°	4260086856540	5
2054	Handlebar 30X Carbon low rise - 16°	4260086856557	5
2055	Handlebar 30X Carbon med rise - 16°	4260086856564	5
2056	Handlebar 30X Carbon high rise - 16°	4260086856571	5
2057	Handlebar 30X Alu low rise - 12°	4260086856588	5
2058	Handlebar 30X Alu med rise - 12°	4260086856595	5
2059	Handlebar 30X Alu high rise - 12°	4260086856601	5
2060	Handlebar 30X Alu low rise - 16°	4260086856618	5
2061	Handlebar 30X Alu med rise - 16°	4260086856625	5
2062	Handlebar 30X Alu high rise - 16°	4260086856632	5
2312	Handlebar 30X ltd. Camo med rise - 9°	4260086859053	5
2356	Handlebar 30X Fabio Wibmer	4062695000709	5

Art. No.	Description	EAN Code	ASTM F2043-13
2313	Stem 80X - 35 mm - 6°	4062695000457	5
2063	Stem 80X - 50 mm - 6°	4260086856649	5
2064	Stem 80X - 60 mm - 6°	4260086856656	5
2065	Stem 80X - 70 mm - 6°	4260086856663	5
2066	Stem 80X - 80 mm - 6°	4260086856670	5
2067	Stem 80X - 90 mm - 6°	4260086856687	5
2068	Stem 80X - 100 mm - 6°	4260086856694	5
2069	Stem 80X - 110 mm - 6°	4260086856700	5
2070	Stem 80X - 120 mm - 6°	4260086856717	5
2314	Stem 80X ltd. - 35 mm - 6°	4062695000464	5
2091	Stem 80X ltd. - 50 mm - 6°	4260086856922	5
2092	Stem 80X ltd. - 60 mm - 6°	4260086856939	5
2093	Stem 80X ltd. - 70 mm - 6°	4260086856946	5
2094	Stem 80X ltd. - 80 mm - 6°	4260086856953	5
2095	Stem 80X ltd. - 90 mm - 6°	4260086856960	5

Art. No.	Description	EAN Code	ASTM F2043-13
2204	Handlebar 311 2.0 - 31.8	4260086857967	3
2205	Handlebar 311 2.0 - 31.8 med rise	4260086857974	3
2206	Handlebar 311 2.0 - 31.8 low rise	4260086857981	3
2207	Handlebar 311 2.0 - 27.0 high rise	4260086857998	3
2208	Handlebar 311 2.0 - 27.0 med rise	4260086858001	3
2209	Handlebar 311 2.0 - 27.0 low rise	4062695000013	3
2164	Handlebar 311 FL-X Carbon low rise 16°	4260086857370	4
2165	Handlebar 311 FL-X Carbon med rise 16°	4260086857387	4

(The 80X/80X ltd. stems are compatible with both 30X and 311 handlebars.)

Art. No.	Description	EAN Code	ASTM F2043-13
2217	Stem 811 2.0 - 70 mm, 7°, 31.8	4062695000051	3
2218	Stem 811 2.0 - 90 mm, 7°, 31	4062695000068	3
2219	Stem 811 2.0 - 100 mm, 7°, 31.8	4260086858100	3

Art. No.	Description	EAN Code	ASTM F2043-13
2212	Handlebar 302 Sport 2.0 - 25.4	4260086858049	2
2213	Handlebar 302 Sport 2.0 - 31.8	4260086858056	2
2214	Handlebar 302 Comfort 2.0 - 31.8	4062695000037	1

Art. No.	Description	EAN Code	ASTM F2043-13
2220	Stem 802 2.0 - 70 mm, 35°, 31.8	4260086858117	2
2221	Stem 802 2.0 - 90 mm, 35°, 31.8	4260086858124	2
2222	Stem 802 2.0 - 100 mm, 35°, 31.8	4260086858131	2

Only products with the same colour may be used in combination and have the manufacturer's approval for use on pedelecs25.

SQlab GmbH hereby confirms that the listed handlebars and stems have passed the operating load tests according to the respective standards. Accordingly, there is no concern from the standpoint of durability against the use of the listed handlebars and stems in e-bikes, within the intended use.

The listed handlebars and stems have been sufficiently tested by recognized testing institutions (eg Zedler - Institut für Fahrradtechnik und -Sicherheit GmbH and velotech.de GmbH) and fulfill at least the requirements of „DIN EN ISO 4210-5: 2015“ and the operating load test from the draft EPAC standard „DIN EN 15194: 2015-07“. A risk analysis was carried out. When used on a vehicle in its original condition, no danger is expected.

According to the guidelines for component replacement on CE-marked e-bikes with pedal support up to 25 km/h (issued inter alia between Zweirad-Industrie-Verband GmbH, VSF e.V. and Zedler - Institut für Fahrradtechnik und -Sicherheit GmbH) the condition of pedelecs in accordance with “DIN EN 15194: 2015-07” is maintained in the event of proper mo-

dification, in which the length of the brake and shift cables and/or cables is not changed. However, this is only a guide that has no legal status. As described above, all of our handlebars and stems also meet the operating loads of the EPAC standard „DIN EN 15194: 2015-07“, but we cannot make any statement about a possible change in the electromagnetic compatibility of the overall system.

I hereby confirm as a bicycle dealer to have carried out the modification according to the installation and safety instructions of SQlab GmbH.

Signature

Stemp

SQLab eBike Ready

SQLab products bearing the “eBike Ready” label are suitable for use on pedelecs from the point of view of function, ergonomics and operational stability (in accordance with the standards DIN EN ISO 4210 and DIN EN ISO 15194).

Pedelec25

A component replacement for Pedelec25 is possible, based on the recommendation for action “Guidelines for component replacement in CE-marked e-bikes/pedelecs with pedal assistance up to 25 km/h” (of the associations Zweirad-Industrie-Verband (ZIV) and Verbund Service und Fahrrad (VSF) in cooperation with the Zedler-Institut and the Bundesinnungsverband Fahrrad (BIV)).

The following SQLab products can be installed on Pedelecs:

- **SQLab handlebars with the eBike-Ready label**

If the brake- and/or shift cable lengths do not have to be changed. Within the original cable lengths, a change in the seating position in the sense of the consumer should be possible. Beyond that, the load distribution on the wheel changes considerably and potentially leads to critical steering characteristics.

- **SQLab saddles with the eBike Ready label**

If the offset to the rear compared to the original range of application is not greater than 20 mm. Here, too, changing the load distribution outside the intended adjustment range may lead to critical steering characteristics. To this the length of the seat stays and the saddle shape is critical as well.

- **SQLab pedals**

If the pedal is not wider than the original.

- **SQLab Grips**

If the grips have screw clamps.

Pedelec45

Component replacement for fast pedelecs, so-called S-Pedelecs, which are classified as motor vehicles and are subject to EU Directive 2002/24/E6 or EU Regulation No. 168/2013, is possible with restrictions, based on the “Component Replacement to S-Pedelecs - fast E-Bikes/Pedelecs with a pedal assistance up to 45 km/h” (of the associations Zweirad-Industrie-Verband (ZIV) and Verbund Service und Fahrrad (VSF) in cooperation with the Zedler-Institut and the Bundesinnungsverband Fahrrad (BIV)).

The following SQLab products can be installed on S-Pedelecs:

- **SQLab Pedals**

If approved reflectors are included and unless the pedal is wider than the original pedal (applies only to vehicles with 2002/24/EC approval).

- **SQLab Grips**

If the grips have screw clamps (The vehicle width must not be changed).

- **SQLab Saddles**

If the offset to the rear compared to the original range of application is not greater than 20 mm. Here, too, changing the load distribution outside the intended adjustment range may lead to critical steering characteristics. To this the length of the seat stays and the saddle shape is critical as well.

- **Danger:**

SQLab handlebars and stems are currently (as of 01.07.2018) not cleared to be used on Pedelec45/SPedelecs. A release is being worked on.