

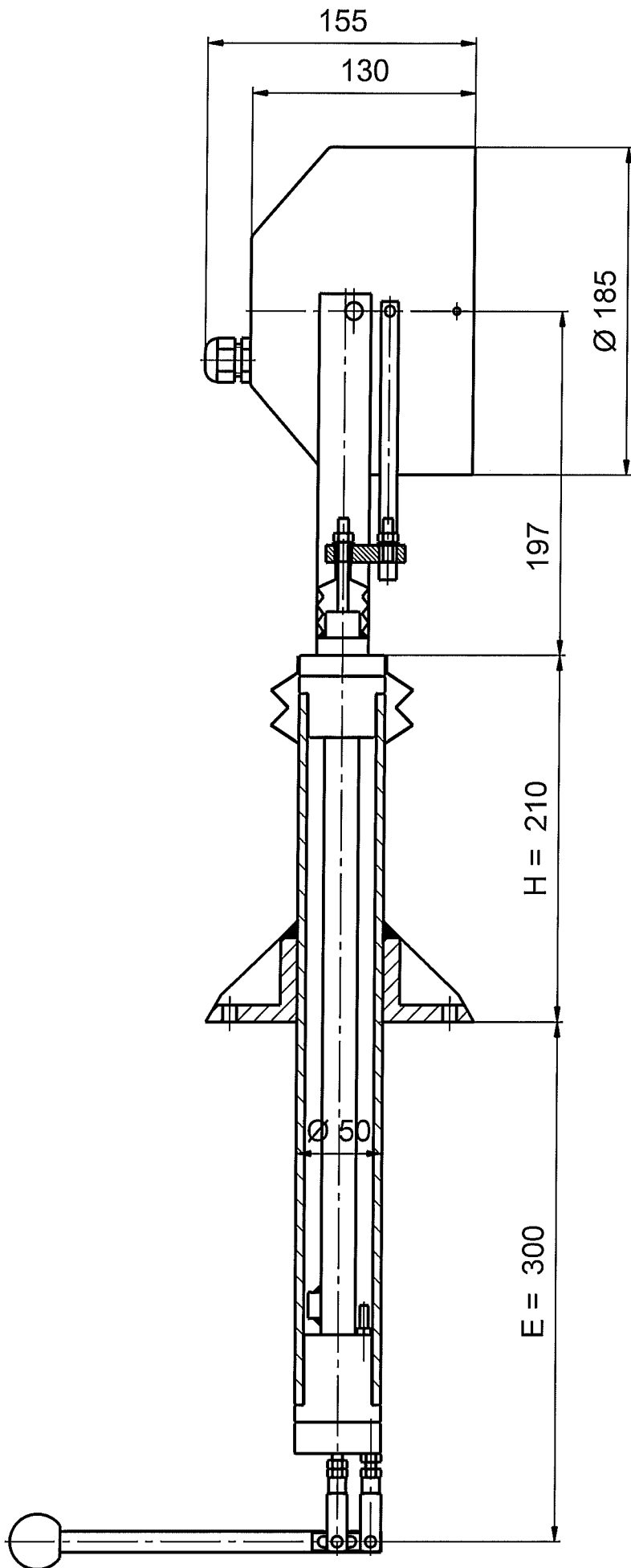
PESCH MARINESCHEINWERFER

GUARANTEE

1. Pesch Marinescheinwerfer guarantees the quality of their products at the time of dispatch from our premises. The warranty period is 1 year which commences from the time of delivery.
2. All items in the catalogue are of the highest quality standards, although the actual description may vary from time of publication.
3. Goods can not be returned for credit unless they have been sent incorrectly, or until prior arrangements have been made in writing. No returns will be credited unless received in original condition and packaging, quoting Invoice or Dispatch Docket number. We reserve the right to credit or replace returned goods.
4. Any warranty claims submitted must be accompanied with evidence or sale and purchase date, details of application to which the product has been subjected and nature of fault, in order for us to process such claims quickly and efficiently. Our warranty inclosed every needing parts to eliminate the claim reson at our system. The solution which parts are necessary will by Pesch Marinescheinwerfer. Every labour and trip cost will be by the buyer.
5. Insurance is buyers care. We accept no claims for transit damage. The buyer should lodge any claims for damaged or missing articles immediately with the carrier. This action does not release the buyer from our standard payment terms.
6. Pesch Marinescheinwerfer will not be liable for any goods damaged due to negligence, or when the product is used inappropriately, or for purposes other than what it was intended & designed to do.
7. Lamps, wiper rubbers as well as all other consumable parts are not covered under the warranty even when the fault occurs during the warranty period of 1 year.
8. Pesch Marinescheinwerfer is not liable for any consequential damage or responsible for late delivery.

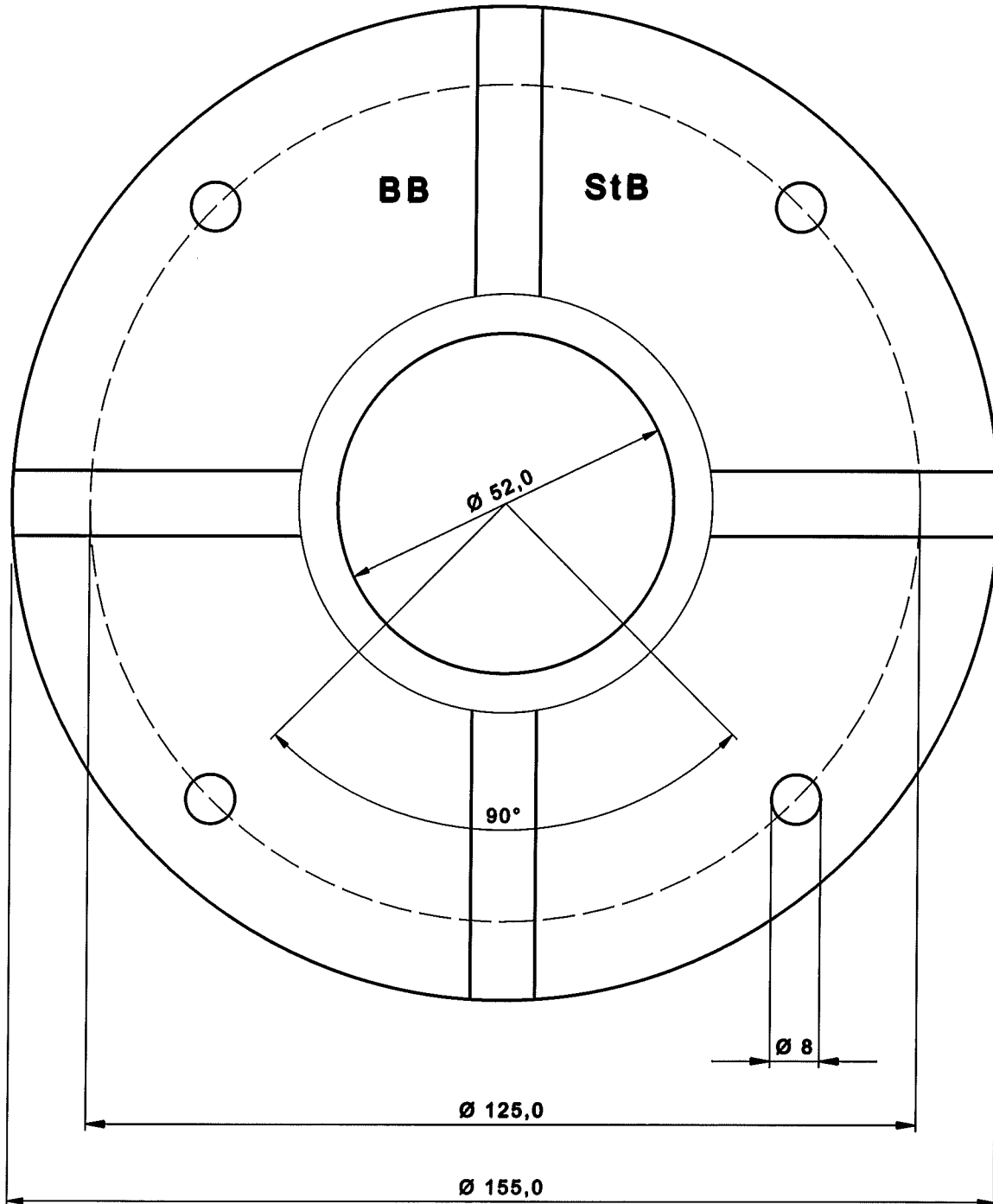
The Guarantee is Deemed Invalid in the Following Situations;

- a.) Damages caused by improper use
- b.) Damages caused by incorrect installation due to not abiding by the operational instructions provided when purchasing the product.
- c.) Damages by accidents including thunder & lightening strike, water, fire, improper use, negligence or changes and removal of the model &/or serial number.
- d.) Damages caused by repairs or modification by companies or persons not authorised or approved by Pesch Marinescheinwerfer to do so.
- e.) Substituting or using other than approved components & parts for repairs to our products.
- f.) Damage caused by utilising a faulty system in conjunction with our product.



SEEMATZ : WS - MINI

**Bohrschablone
template for drilling**



03.09.2002

SEEMATZ WS/WH 50

Pesch Marinescheinwerfer WS 185 PAR 24V - 200W

1.) Description of Material

Searchlight is made of polyester (GFK), all screws of V2A. Fastening foot is made of ALMg3, non magnetic.

2.) Lamp, reflector, glass

One unit with contact points to connect cable.

3.) Technical data - lamp

| | | |
|-------------------|---------|-------|
| Wattage | | 200W |
| Amperage | | 8,5 A |
| Average life time | approx. | 200h |
| Range at 1 Lux | | 400m |
| Beam Angle | | 8° |

4.) Technical data searchlight

| | | |
|-------------------|--|-----------|
| Weight | | 1750g |
| Operating period | | unlimited |
| Protective system | | IP 44 |

5.) Operating instructions

The lamp is switched on or off by an external switch (yard supply)

6.) Change of lamp

Unscrew both M4 screws by which the lamp holder are attached. Keep carefully screws and lamp holder.

Open cable gland. Remove the lamp to the front and disconnect the cable with a screwdriver. Connect the new lamp at the cable and insert it in reversed succession. Close cable gland.

List of Spares WS 185 PAR 24V - 200W

| | |
|------------------------|----------------|
| Searchlight body | 185-24 / 201-3 |
| Lampholder with screws | 185-24 / 202-3 |
| Rubber ring for lamp | 185-24 / 203-3 |
| Connecting cable, 3m | 185-24 / 204-3 |
| Lamp 24V/200W | 185-24 / 205-3 |
| Double-pole plug | 185-24 / 206-3 |
| Bow WS version | 185-24 / 207-3 |

Pesch Marinescheinwerfer

Bedienungsanleitung / Operating manual

WS - WH 50

Version 02.2004

1.)Materialbeschreibung:

Säule aus AlMg3, alle weiteren Aluminiumteile aus gleichem Material, unmagnetisch. Alle Schrauben bzw. Verschraubungen aus Edelstahl V2A oder V4A, ausgenommen die Gelenke (St37). Montagefuss aus Aluminiumguss AlMg5, unmagnetisch.

2.)Montage:

Handhebel durch lösen der Klemmschrauben und des Knebels von den Gabelstücken demontieren und Sterngriffe herausschrauben. Zwischen Schiffsdecke und Montagefuss Dichtungsmaterial (nach eigener Wahl) auflegen. Die WS bzw. WH durch Decksbohrung (52 mm Ø) stecken und den Montagefuss so befestigen, dass das Typenschild der Innenlenkung nach hinten (achtern) zeigt. Demontierte Teile wieder anbauen.

3.)Bedienung der WS / WH:

Für Drehbewegungen den Sterngriff lösen und den Handhebel nach rechts oder links in die gewünschte Richtung drehen. Drehbereich ca. + / - 165°. Für Kippbewegung des Scheinwerfers den Knebelgriff an den Gabelstücken lösen. Den Handhebel nach oben oder unten in die gewünschte Richtung drücken. Kippbereich ca. +20°, -35°. Alle Bewegungsrichtungen sind mit einem Anschlag versehen, um ein Abreißen des Kabel zu vermeiden.

4.)Wartung:

Faltenbälge, die zur Abdichtung der WS - WH angebracht sind, sollten in regelmäßigen Abständen auf Risse überprüft werden, da diese Teile durch Witterungseinflüsse porös werden können. Wir schlagen einen Austausch alle 2-3 Jahre vor.

1.)Material description:

The column is made of AlMg3, as well as all other aluminium parts, not magnetic. All screws are made of inox except the fork crown (ST37). The mounting foot is made of AlMg5, not magnetic.

2.)Mounting:

Remove handle by loosen the binding screw and locking handle at the fork crown. Remove star knob. To seal the column to the bridge use any jointing material you have. Put the WS or WH into the hole (52 mm Ø) on deck and fix the column. The index plate must be adjusted to the aft. Mount the removed parts.

3.)Operation WS / WH:

To turn left or right loosen the star knob and turn handle to left or right. Rotary range is approximately + / - 165°. To turn up or down loosen the locking handle at the fork crown and pull handle up or down. Tilting range will be approximately + 20°, - 35°. All movements are secured by stop dogs, to prevent a pull off at the cable.

4.)Maintenance:

The bellows which are installed at the WS or WH should be checked in regularly intervals. The weather conditions can cause cracks at the bellows. We advise a change of the bellows every 2-3 years.

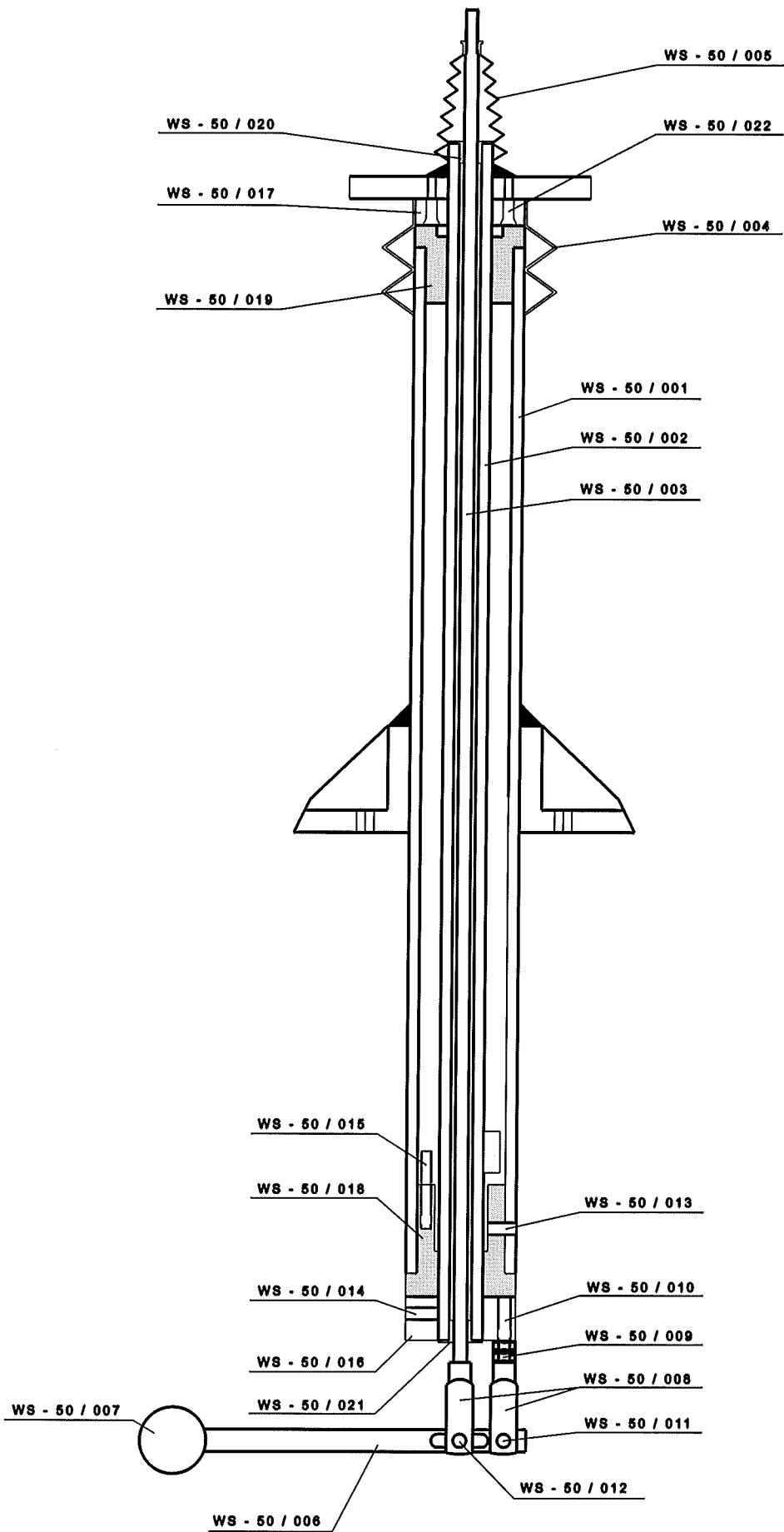
Pesch Marinescheinwerfer

WS / WH 50

Ersatzteilliste / List of spare parts

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Ausgabe/Edition
02 – 2004

| <u>Beschreibung</u> | <u>Description</u> | <u>Part No.</u> |
|-----------------------------------|-----------------------------------|-----------------|
| Säule 50 mm | Column 50 mm | 50 - 001 |
| Drehrohr 20 mm und großem Bügel | Rotary column 20 mm and large bow | 50 - 002 |
| Schubstange 6 mm komplett | Thrust bar 6 mm complete | 50 - 003 |
| Faltenbalg, Säule | Bellow column | 50 - 004 |
| Faltenbalg, Schubstange | Bellow thrust bar | 50 - 005 |
| Handhebel | Handle | 50 - 006 |
| Knopf für Handhebel | Ball knob handle | 50 - 007 |
| Gabelstück M 6 | Fork crown M 6 | 50 - 008 |
| Muttern M6 | Nut M6 | 50 - 009 |
| Gewindestift M6 | Thread plug M6 | 50 - 010 |
| Befestigungsschraube M 6 + Mutter | Connection screw M 6 with nut | 50 - 011 |
| Knebelgriff M 6 | Locking handle M 6 | 50 - 012 |
| Sterngriff M 10 | Star knob M 10 | 50 - 013 |
| Inbusschraube | Hexagon socket screw | 50 - 014 |
| Anschlagstift | Stop pin | 50 - 015 |
| Untere Zugscheibe | Downside tension bearing | 50 - 016 |
| Obere Druckscheibe | Upside thrust bearing | 50 - 017 |
| Zuglager PVC | Tension bearing PVC | 50 - 018 |
| Drucklager PVC | Thrust bearing PVC | 50 - 019 |
| Buchse 6x10 mit Rand | bush 6x10 | 50 - 020 |
| Buchse 6x10 mit Rand | bush 6x10 | 50 - 021 |
| Befestigung Bügel | Connecting set large bow | 50 - 022 |
| Lagerscheibe V2A | Bearing disc. inox | 50 - 023 |



SEEMATZ WS 50 ab/since 1.01.19
Ersatzteile / spare parts WS 50