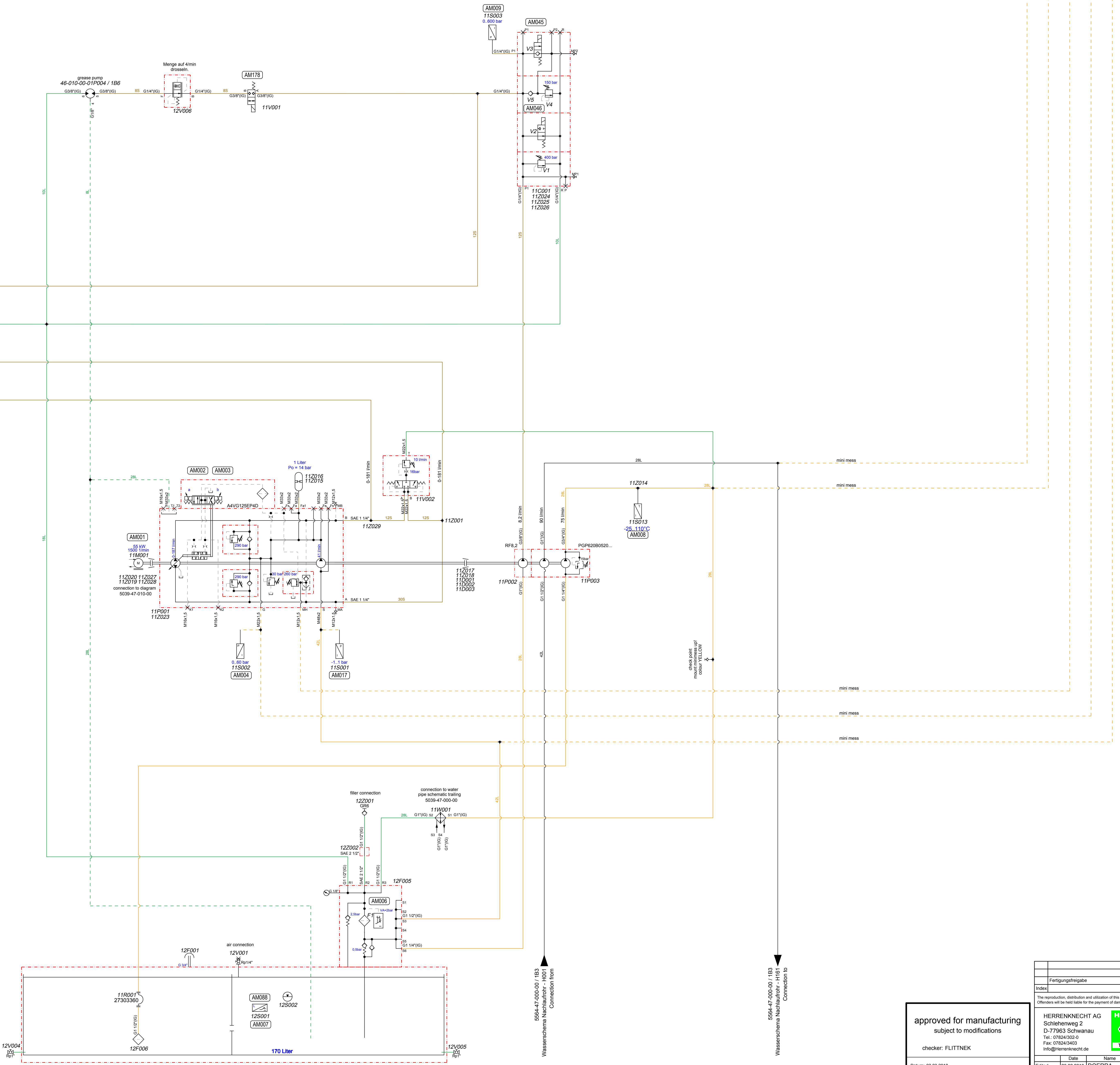


112002
112010
112004
112008



approved for manufacturing
subject to modifications
checker: FLITTNEK

| | | | | | |
|--|----------|---------------------------------------|----------------|------------------------------|------------------|
| Fertigungsbeilage | | 23.02.2018 | DOERRA | 02.03.2018 | FLITTNEK |
| Index | Revision | Date | Editor | Date | Ch. by |
| The reproduction, distribution and utilization of this document as well as the communication of the contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of a patent, utility model or design. 100.10010 | | | | | |
| HERRENKNECHT AG Schlehenweg 2 D-77963 Schwanau Tel: 07824-302-0 Fax: 07824-340-3 Info@herrenknecht.de | | HERRENKNECHT Tunnelvorriebetechnik | | Type of drawing schematic | Project D-881 |
| Name HYDRAULIKSCHEMA NACHLAUFROHR D-881 AGGREGAT 55KW | | Drawing no. 5564-45-010-00 | | Page no. 1 / 1 | |
| Date | Name | Norm | Article number | Developed from | Weight/KG |
| 23.02.2018 | DOERRA | | 40245783 | | |
| 26.02.2018 | DOERRA | | | | |
| 02.03.2018 | FLITTNEK | | | | |

Baukastenstückliste modular BOM



Projekt
Material 40345783
Bezeichnung 1 HYDRAULIKSCHEMA
NACHLAUFROHR
Zchnng.Nr/ver 5564-45-010-00 / -
Gewicht 0 KG
Werk 1000

project
material 40345783
designation 1 HYDR.DIAG. - BACK-UP TUBE
draw.No/ver 5564-45-010-00 / -
weight 0 KG
plant 1000

| Pos. | Typ type | Material | Menge/Einheit qty/unit | Bezeichnung 1 / Bezeichnung 2 | designation 1 / designation 2 | Zchnng.Nr/ver/Bpf draw.No/ver | Gewicht weight |
|------|-------------|----------|---------------------------|-------------------------------|-------------------------------|----------------------------------|-------------------|
| 1 | L | 27400105 | 1,000 ST | SCHRAUBKUPPLUNG STECKER | SCREW COUPLING PLUG | | 0,16 KG |
| 2 | L | 27402272 | 1,000 ST | SCHRAUBKUPPLUNG STECKER | SCREW COUPLING PLUG | | 0,26 KG |
| 3 | L | 27400430 | 1,000 ST | SCHRAUBKUPPLUNG STECKER | SCREW COUPLING PLUG | | 2,36 KG |
| 4 | L | 27402271 | 1,000 ST | SCHRAUBKUPPLUNG MUFFE | SCREW COUPLING SOCKET | | 0,28 KG |
| 5 | L | 27400431 | 1,000 ST | SCHRAUBKUPPLUNG MUFFE | SCREW COUPLING SOCKET | | 1,57 KG |
| 6 | L | 27400007 | 1,000 ST | SCHRAUBKUPPLUNG MUFFE | SCREW COUPLING SOCKET | | 0,75 KG |
| 7 | L | 27200190 | 1,000 ST | STUEBERBLOCK | CONTROL BLOCK | | 9,55 KG |
| 8 | L | 27204807 | 1,000 ST | STUEBERBLOCK | CONTROL BLOCK | | 0,00 KG |
| 9 | L | 27106982 | 1,000 ST | WEGESITZVENTIL | DIRECTIONAL SEATED VALVE | | 0,00 KG |
| 10 | L | 27101822 | 1,000 ST | SPÜLVENTIL | FLUSHING VALVE | | 1,60 KG |
| 11 | L | 27106983 | 1,000 ST | WEGESITZVENTIL | DIRECTIONAL SEATED VALVE | | 0,04 KG |
| 12 | L | 27106982 | 1,000 ST | WEGESITZVENTIL | DIRECTIONAL SEATED VALVE | | 0,00 KG |
| 13 | L | 27106982 | 1,000 ST | WEGESITZVENTIL | DIRECTIONAL SEATED VALVE | | 0,00 KG |
| 14 | L | 27106983 | 1,000 ST | WEGESITZVENTIL | DIRECTIONAL SEATED VALVE | | 0,04 KG |
| 16 | L | 27100118 | 1,000 ST | WECHSELVENTIL | SHUTTLE VALVE | | 0,30 KG |
| 17 | L | 23001214 | 1,000 ST | DREHSTROM-ASYNCHRONMOTOR | THREE-PHASE ASYNCHRON. MOTOR | | 420,00 KG |
| 18 | L | 23503695 | 1,000 ST | AXIALKOLBEN-VERSTELLPUMPE | AXIAL PISTON VARIABLE PUMP | | 85,00 KG |
| 19 | L | 40103084 | 1,000 ST | HYDRAULIKPUMPE | HYDRAULIC PUMP | | 9,00 KG |
| 20 | L | 40103154 | 1,000 ST | ZAHNRADPUMPE | GEAR PUMP | | 18,00 KG |
| 21 | L | 23701104 | 1,000 ST | KUPPLUNG ELASTISCH | COUPLING ELASTIC | | 9,88 KG |
| 22 | L | 23800352 | 1,000 ST | PUMPENTRÄGER | PUMP CARRIER | | 6,50 KG |
| 23 | L | 27501952 | 1,000 ST | DRUCKMESSUMFORMER | PRESSURE TRANSDUCER | | 190,00 G |
| 24 | L | 27501959 | 1,000 ST | DRUCKMESSUMFORMER | PRESSURE TRANSDUCER | | 80,00 G |
| 25 | L | 27501963 | 1,000 ST | DRUCKMESSUMFORMER | PRESSURE TRANSDUCER | | 0,08 KG |
| 26 | L | 27501963 | 1,000 ST | DRUCKMESSUMFORMER | PRESSURE TRANSDUCER | | 0,08 KG |

* Z = Infoteil
* Z = reference part

Baukastenstückliste modular BOM

Projekt
Material 40345783
Bezeichnung 1 HYDRAULIKSCHEMA
NACHLAUFROHR
designation 1 HYDR.DIAG. - BACK-UP TUBE

| Pos. | Typ type | Material | Menge/Einheit qty/unit | Bezeichnung 1 / Bezeichnung 2 | designation 1 / designation 2 | Zchnng.Nr/ver/Bpf draw.No/ver | Gewicht weight |
|------|-------------|----------|---------------------------|--|---|----------------------------------|-------------------|
| 27 | L | 27501963 | 1,000 ST | DRUCKMESSUMFORMER | PRESSURE TRANSDUCER | | 0,08 KG |
| 28 | L | 27500091 | 1,000 ST | MANOMETER | PRESSURE GAUGE | | 0,28 KG |
| 29 | L | 27500154 | 1,000 ST | MANOMETER | PRESSURE GAUGE | | 0,26 KG |
| 30 | L | 27500200 | 1,000 ST | MANOMETER | PRESSURE GAUGE | | 0,26 KG |
| 31 | L | 27500018 | 1,000 ST | MANOMETER | PRESSURE GAUGE | | 0,26 KG |
| 32 | L | 27500017 | 1,000 ST | MANOMETER | PRESSURE GAUGE | | 0,26 KG |
| 33 | L | 27500137 | 1,000 ST | MANOMETER | PRESSURE GAUGE | | 0,28 KG |
| 34 | L | 40262525 | 1,000 ST | WIDERSTANDSTHERMOMETER | RESISTANCE THERMOMETER | | 0,20 KG |
| 36 | L | 28000563 | 1,000 ST | O-RING | O-RING | | 2,00 G |
| 37 | L | 28000247 | 1,000 ST | O-RING | O-RING | | 1,00 G |
| 38 | L | 28000324 | 1,000 ST | O-RING | O-RING | | 4,00 G |
| 41 | L | 23600277 | 1,000 ST | PLATTENWÄRMETAUSCHER | PLATE HEAT EXCHANGER | | 27,00 KG |
| 42 | L | 27402761 | 1,000 ST | FLANSCHADAPTER SAE | FLANGE ADAPTER SAE | | 0,75 KG |
| 43 | L | 40162889 | 1,000 ST | MONTAGEBLECH MANOMETER | ASSEMBLY SHEET MANOMETER | 118-00-053-08/A | 1,72 KG |
| 44 | L | 30062900 | 1,000 ST | VERSCHLUSSKEGELADAPTER | CLOSING TAPER ADAPTER | 168-05-030-06/C | 0,30 KG |
| 45 | L | 27900153 | 1,000 ST | SCHELLE | CLAMP | | 0,44 KG |
| 46 | L | 27901582 | 1,000 ST | BLASENSPEICHER | BLADDER ACCUMULATOR | | 5,14 KG |
| 47 | L | 25602878 | 1,000 ST | VERBINDUNGSSTÜCK | CONNECTING PIECE | | 0,34 KG |
| 48 | L | 40150450 | 1,000 ST | ZWISCHENFLANSCH | INTERMEDIATE FLANGE | 4692-004-000-31/A | 5,60 KG |
| 49 | L | 40233775 | 1,000 ST | DÄMPFUNGSSCHIENE | DAMPING RAIL | | 85,00 KG |
| 50 | L | 40233775 | 1,000 ST | DÄMPFUNGSSCHIENE | DAMPING RAIL | | 85,00 KG |
| 51 | L | 23800355 | 1,000 ST | PUMPENTRÄGER | PUMP CARRIER | | 6,13 KG |
| 52 | L | 40167910 | 1,000 ST | KUPPLUNG ELASTISCH | COUPLING ELASTIC | | 15,92 KG |
| 53 | L | 27105586 | 1,000 ST | HUBBEGRENZUNG | STROKE LIMITATION | | 1,00 KG |
| 54 | L | 24003923 | 1,000 ST | ZYLINDERSCHRAUBE M8X220-10.9-DIN912 | HEX.SOCKET HEAD CAP SCREW M8X220-10.9-DIN912 | | 0,09 KG |
| 55 | L | 24003923 | 1,000 ST | ZYLINDERSCHRAUBE M8X220-10.9-DIN912 | HEX.SOCKET HEAD CAP SCREW M8X220-10.9-DIN912 | | 0,09 KG |
| 56 | L | 27402761 | 1,000 ST | FLANSCHADAPTER SAE | FLANGE ADAPTER SAE | | 0,75 KG |
| 57 | Z | 30178820 | 1,000 ST | HALTEPLATTE | RETAINING PLATE | | 2,80 KG |
| 58 | L | 27600061 | 1,000 ST | MUFFENKUGELHAHN | SOCKET BALL VALVE | | 0,12 KG |
| 61 | L | 27600056 | 1,000 ST | MUFFENKUGELHAHN | SOCKET BALL VALVE | | 0,52 KG |

Baukastenstückliste modular BOM

Projekt
Material 40345783
Bezeichnung 1 HYDRAULIKSCHEMA
NACHLAUFROHR
designation 1 HYDR.DIAG. - BACK-UP TUBE

| Pos. | Typ type | Material | Menge/Einheit qty/unit | Bezeichnung 1 / Bezeichnung 2 | designation 1 / designation 2 | Zchnng.Nr/ver/Bpf draw.No/ver | Gewicht weight |
|------|-------------|----------|---------------------------|-------------------------------|-------------------------------|----------------------------------|-------------------|
| 62 | L | 27600056 | 1,000 ST | MUFFENKUGELHAHN | SOCKET BALL VALVE | | 0,52 KG |
| 63 | L | 27400119 | 1,000 ST | SCHRAUBKUPPLUNG MUFFE | SCREW COUPLING SOCKET | | 0,75 KG |
| 64 | L | 27000636 | 1,000 ST | BELÜFTUNGSFILTER | VENTILATION FILTER | | 0,13 KG |
| 69 | Z | 40102572 | 1,000 ST | MEHRLEITUNGSPUMPE | MULTILINE PUMP | | 20,00 KG |
| 70 | L | 27000453 | 1,000 ST | RÜCKLAUFSaugFILTER | RETURN FLOW SUCTION FILTER | | 16,00 KG |
| 72 | L | 27303360 | 1,000 ST | HYDRAULIKSCHLAUCH | HYDRAULIC HOSE | | 0,00 KG |
| 73 | L | 27000040 | 1,000 ST | SAUGFILTER | SUCTION FILTER | | 0,38 KG |
| 74 | L | 27501949 | 1,000 ST | FÜLLSTANDSSCHALTER | LEVEL SWITCH | | 0,20 KG |
| 75 | L | 27402790 | 1,000 ST | VOLLFLANSCH SAE | STRAIGHT FLANGE SAE | | 1,35 KG |
| 76 | L | 27106308 | 1,000 ST | STROMREGELVENTIL | FLOW REGULATING VALVE | | 0,40 KG |
| 79 | L | 27501058 | 1,000 ST | FÜLLSTANDSANZEIGE | LEVEL INDICATOR | | 0,23 KG |