



PORTS:  
 PA = 3/4" NPT THREADED HOLE  
 DA = 1/2" NPT THREADED HOLE  
 TA = DN50 2" SAE 6000  
 BY-PASS = DN50 (ANSI 2" 150LB)

WEIGHT = 1200 Kg without oil  
 = 2000 Kg with oil

|       |   |                        |                                  |            |
|-------|---|------------------------|----------------------------------|------------|
| 962   | 1 | OIL HEATER             | TAB. 19.002.101                  | REVA       |
| 956.B | 1 | ELECTRIC MOTOR         | B5.380/50 class F+B 1.5Kw IP65   | QY-ABB     |
| 956.A | 1 | ELECTRIC MOTOR         | B3/B5.380/50 class F+B 15Kw IP65 | QY-ABB     |
| 954.A | 1 | ELECTRIC BOX           | SCHEMA 2340001077                | F.MONTI    |
| 570   | 1 | COOLING + FILTER GROUP | OKAF.R.3.S.28/1.3MFL160/4        | HYDAC      |
|       | 1 | ELECTRIC INDICATOR     | VM5C                             | HYDAC      |
|       | 1 | PUMP                   | F2P.2/2.1/P/90/20-RV6            | HYDAC      |
|       | 1 | FILTER                 | DFBN/HC.0160.E10A1.0             | HYDAC      |
| 566   | 1 | THERMOMETER DN100      | 0-100°C V7312/2 P250BD 1/2       | WIKA       |
| 560.B | 1 | INVERSION LEVEL SWITCH | IP65 LM2FA L=800                 | ELETTROTEC |
| 560.A | 1 | PRE-ALARM LEVEL SWITCH | IP65 LM2FA L=750                 | ELETTROTEC |

|       |   |                          |                                  |          |
|-------|---|--------------------------|----------------------------------|----------|
| 558.B | 1 | MAX TEMP. THERMOSTAT     | IP67 KPS79.060L3104              | DANFOSS  |
| 558.A | 1 | RESISTANCE THERMOSTAT    | IP67 KPS76.060L3112              | DANFOSS  |
| 559   | 1 | OIL VISUAL LEVEL         | LVM 800                          | REVA     |
| 557   | 1 | OIL TANK 1100L           | DWG. 19.372.143                  | REVA     |
| 543   | 1 | PISTONS PUMP             | 16cm3 PV016-R1K1.S1.NP.WS        | PARKER   |
| 460   | 1 | 3WAY BALL VALVE PLATE M. | KHP3K10L.1114.04X                | HYDAC    |
| 399   | 1 | SOLENOID VALVE (220dc+r) | ECD 30L/2202-22DA.28H.HR         | FLUCOM   |
| 395   | 1 | RELIEF VALVE             | LPA30-T/N (300bar)               | FLUCOM   |
| 379   | 2 | CHECK VALVE              | CAE 30P                          | LUCOM    |
| 361   | 2 | PRESSURE FILTER          | DFBN/HC.0110.P10.A10/BE + VD5C   | HYDAC    |
| 352.H | 1 | GAUGE ISOLATOR VALVE     | Cod.30.014.062 1/4"npt           | BOSCAROL |
| 51.O  | 1 | BALL VALVE PLATE M.      | KHP10.1212.04X                   | HYDAC    |
| 351.P | 1 | BALL VALVE               | 2" SAE6000 CRH1.2.S.4.50         | CIOCCA   |
| 351.K | 1 | 2 AWY BALL VALVE         | KHP10-1212-0-X                   | HYDAC    |
| 121   | 1 | MANOMETER                | DN100 RAD. 0-400 1/2" NPT F.P.   | WIKA     |
| 70    | 1 | BALL VALVE               | "MOON" DN50 Art.2881 PH16        | EFFEBI   |
| 64    | 1 | FLEXIBLE PIPE            | SAE100R1 1/2" F9012.F9012 L.1900 | REVA     |
| 63    | 1 | FLEXIBLE PIPE            | SAE100R1 3/4" FD3/4.F903/4 L.300 | REVA     |
| 62    | 1 | FLEXIBLE PIPE            | SAE100R1 1" FD1".F901" L.1050    | REVA     |
| 61    | 1 | FLEXIBLE PIPE            | SAE100R1 1" F45.FD1L L.800       | REVA     |
| 60    | 1 | FLEX. PIPE Din20023.4SP  | 3/4" 90K12.41.90K12.41 L.920     | REVA     |
| 54    | 1 | AIR BLEED                | SCS100.F.G1.A + CS100.A06.A      | MP       |
| 53    | 1 | OIL FILL PLUG            | TAP90.F.L10.A.M.0.0.C120         | MP       |
| 50    | 3 | BALL VALVE 2 WAY         | 1" L.P. ASTER                    | EFFET    |
| 44    | 1 | ELASTIC JOINT            | OMT5110CS1+POL5+OMT5052D34       | OM       |
| 43    | 1 | FLANGE                   | L35C-100B                        | OM       |
| 40    | 1 | FRAME                    | DWG.19.372.143                   | RE       |
| 31    | 1 | RETURN MANIFOLD          | DWG. 19.144.239                  | RE       |
| 30    | 1 | PUMP MANIFOLD            | DWG. 19.144.240                  | R        |

|        |          |       |          |                            |
|--------|----------|-------|----------|----------------------------|
| Rev. 3 | Date     | By    | Approved | Description                |
| Rev. 2 | 09/06/98 | AM    | Approved | Description REAL VERSION   |
| Rev. 1 | 18/03/98 | By AM | Approved | Description FIRST EMISSION |

Path 1/SCH

**BIFFI**

**ELECTRO-HYDRAULIC POWER UNIT**  
 - POWER UNIT "A" -

Overall Dimensions & Parts List

Drawing Number: **211034000**  
 File: 211034000 Date: \_\_\_\_\_  
 By: VR Approved: \_\_\_\_\_