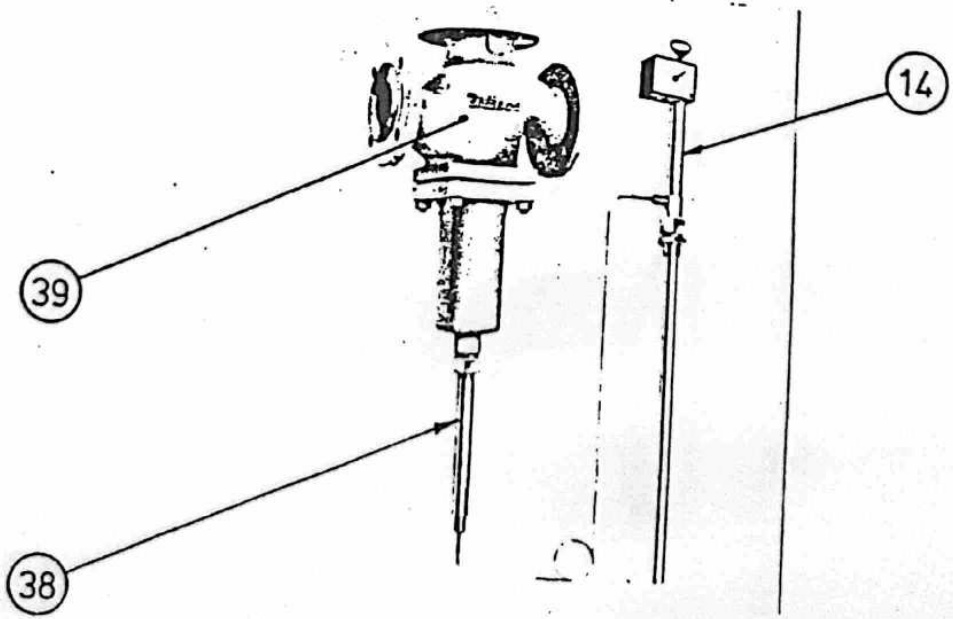
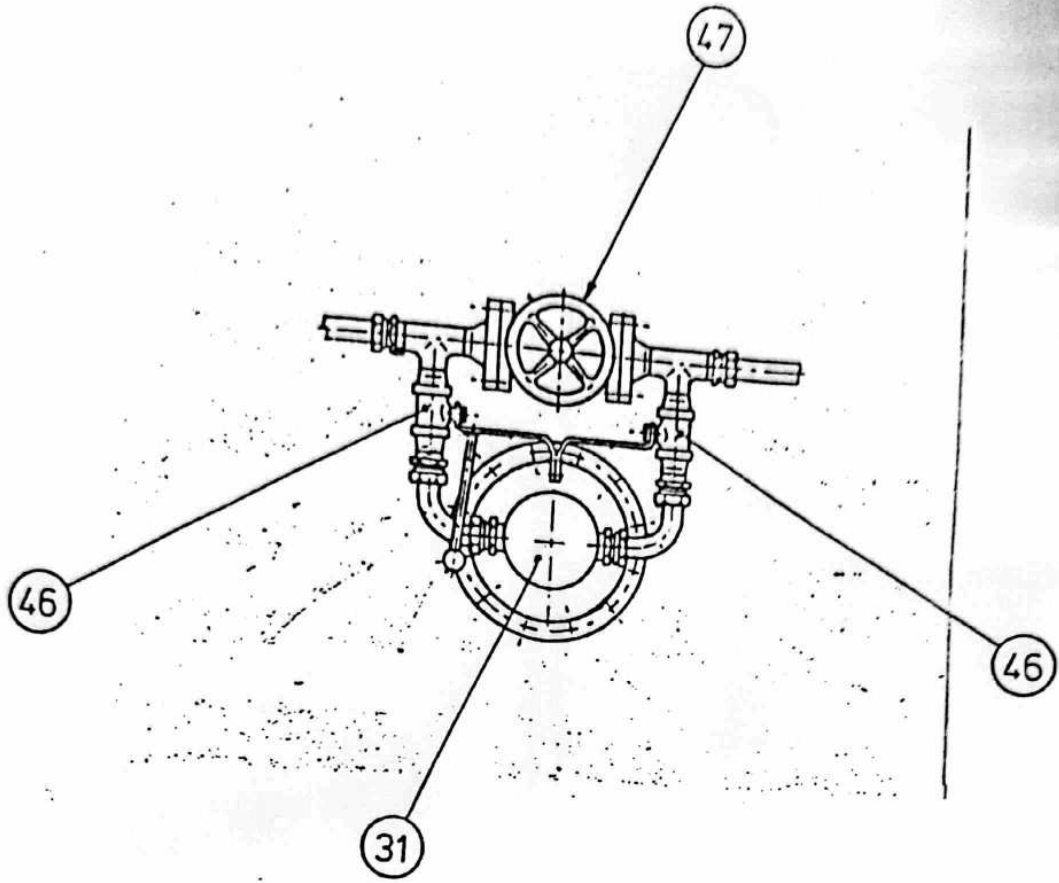
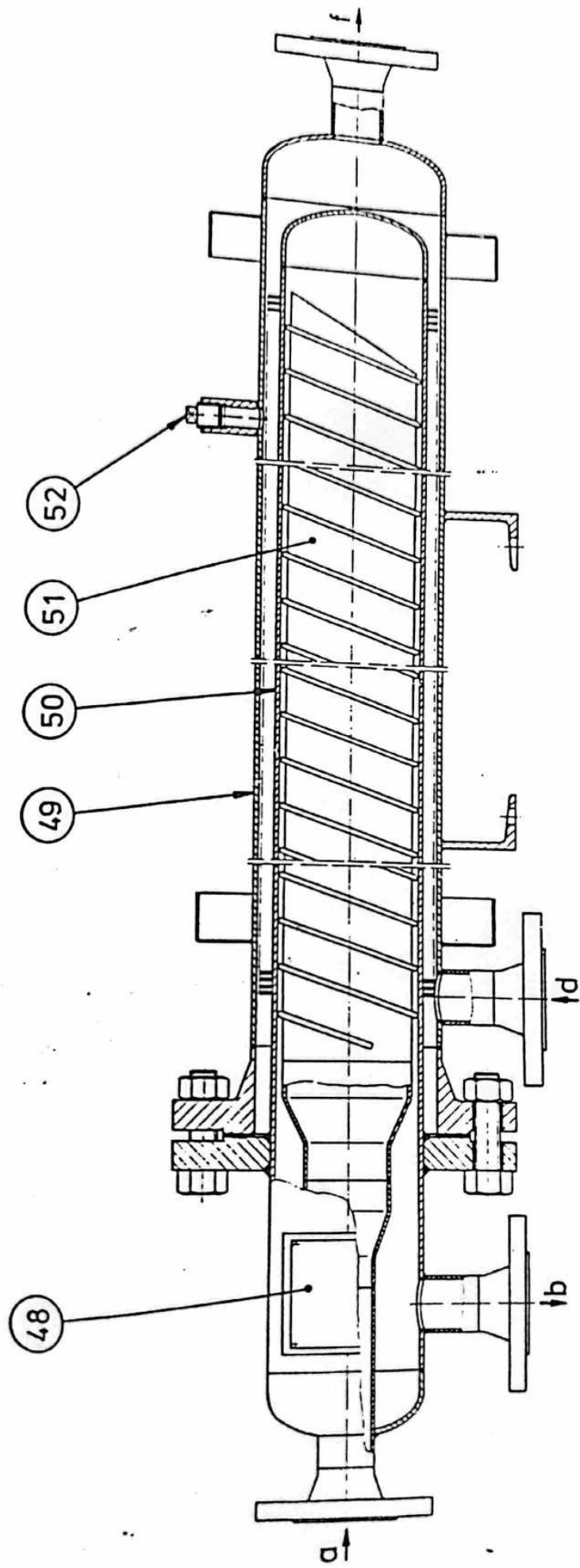
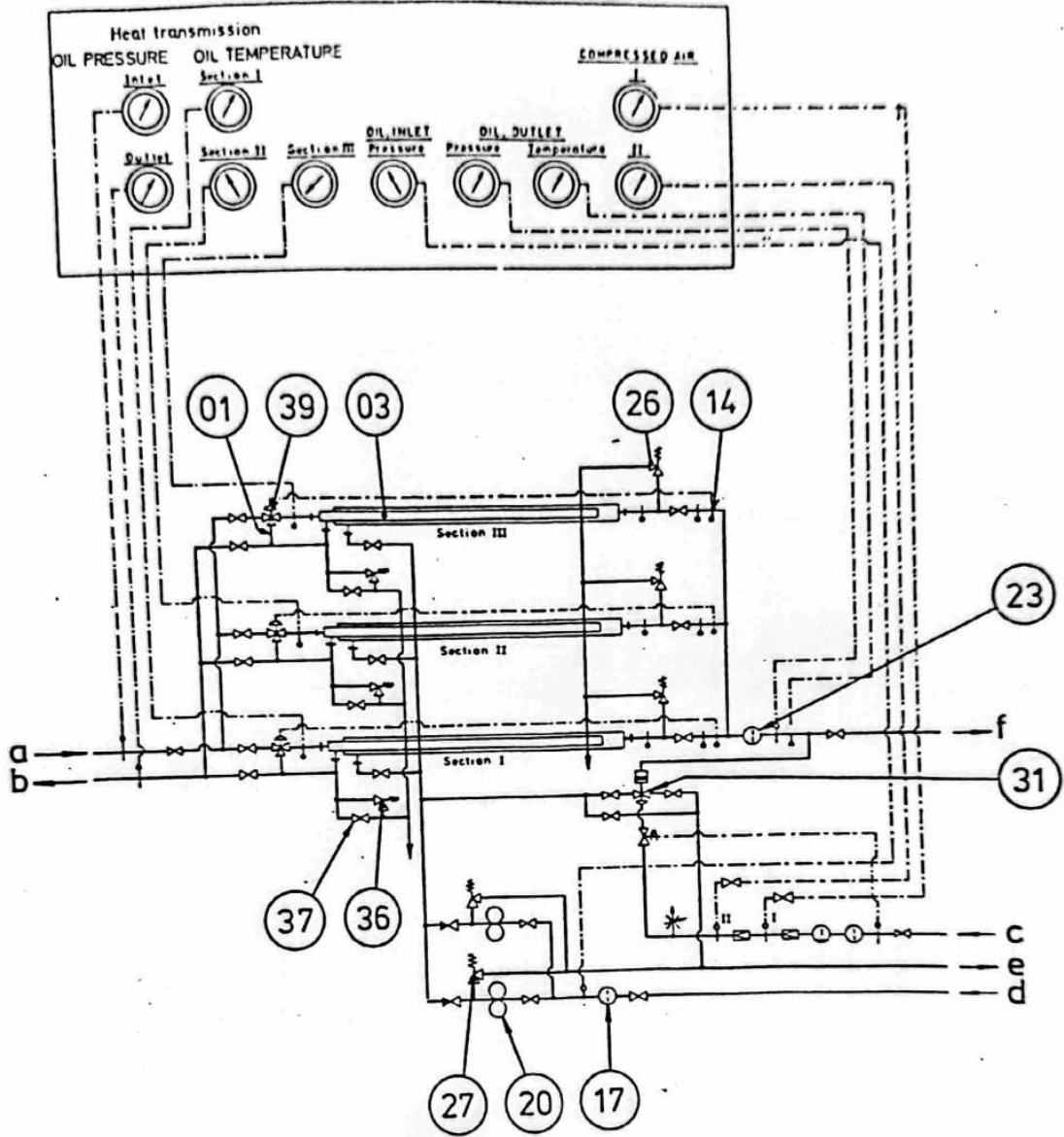


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|---|---|---|---|---|---|---|---|---|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|----|





36050-01-IV



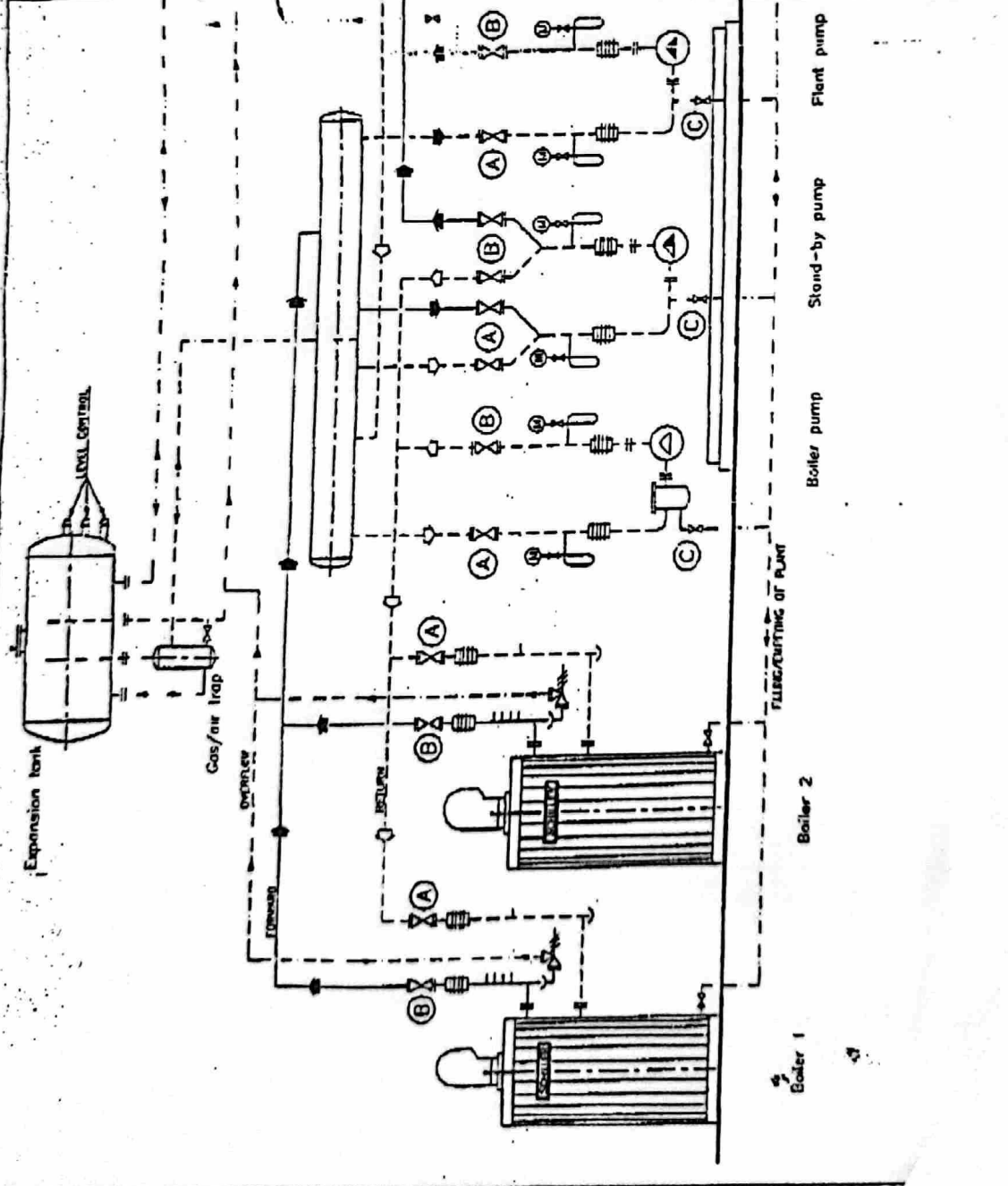
36051-01-V

DATA SHEET FOR PUMP HEATING UNIT TYPE PVT.

| Measured medium/quantity | Measuring point/instrument | Setting/permissible quantity | | Adjusting/setting point |
|--|--|------------------------------|-------------|--|
| | | Normal | Min. / Max. | |
| Required oil pressure at burner | Pressure gauge at burner station | 25 bar | 30 bar | Pressure regulation (13) on PVT unit |
| Required oil temperature at burner | Thermometer at burner station | | 140°C | Temperature regulation (14) on PVT unit |
| Required oil viscosity at burner | Laboratory | 2,5°E | | Temperature regulation (14) on PVT unit |
| Oil inlet pressure at pump | Pressure gauge (06) | | +5 bar | Cleaning of suction filter (17) |
| Oil outlet temperature from preheater | Thermometer (25) | | 140°C | Change of inlet temperature |
| Oil outlet temperature from section | Thermometer (15) | | 140°C | Rod sensor for regulating valve (14) section 1 |
| Oil outlet temperature to tubing | Thermometer (08) | | 140°C | Rod sensor for regulating valve (14) section 1 |
| Oil outlet pressure to tubing | Pressure gauge (07) | | 30 bar | Rod sensors for regulating valve (14) |
| Oil pressure drop across suction filter | Differential pressure gauge, suction filter | | 0,3 bar | Pressure regulating valve (31)/control air (14) |
| Oil pressure drop across pressure filter | Differential pressure gauge, pressure filter | | 0,8 bar | Change to clean filter with change-over cock (45) |
| Heat transmission oil inlet pressure to unit | Pressure gauge (41) | approx. 6 bar | 7 bar | Change to clean filter with change-over valve (22) |
| Heat transmission oil inlet temperature to unit | Thermometers (05) | approx. 225°C | 250°C | Heat transmission boiler control thermometers |
| Heat transmission oil outlet pressure from unit | Pressure gauge (42) | approx. 2/3 (41) | 1/2 (41) | Regulating valve (35) |
| Compressed air inlet pressure to unit | Pressure gauge at air inlet | 5 bar | 7 bar | Compressed air supply |
| Control air pressure between reduction valves | Pressure gauge (09) I | approx. 4,5 bar | 5 bar | Reduction valve (12) |
| Control air pressure to regulating valve | Pressure gauge (09) II | approx. 3,6 bar | 4,25 bar | Reduction valve (13) |
| Compressed air control | Pressure control (11) | | 4 bar | Pressure control (11) |
| Ratio of control air/oil outlet pressure | Pressure gauge (09) II/ pressure gauge (07) | approx. 3,6/25 bar | | Fixed ratio |
| Opening pressure for overflow valve | Pressure gauge (07) | 28 bar | 30 bar | Adjustment of overflow valve (27) |
| Opening pressure for safety valve, heat transmission oil | Pressure gauge (41) | 10 bar | | Not to be changed |
| Opening pressure for safety valve, oil | Workshop | 35 bar | | Not to be changed |

36051-01-V

| NO | DATE | DESCRIPTION | BY | REVISION |
|----|------|-------------|----|----------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |



SCHILLER

FL. SMITH & CO A/S - RT 13-1748

Verifikations for varmeledninger
Operation instruction for Marshall fluid plant

567-282

Alle af Schiller tegninger skal læses i forbindelse med de tilhørende tekniske tegninger og specifikationer. Det er ikke tilladt at kopiere eller ændre disse tegninger.