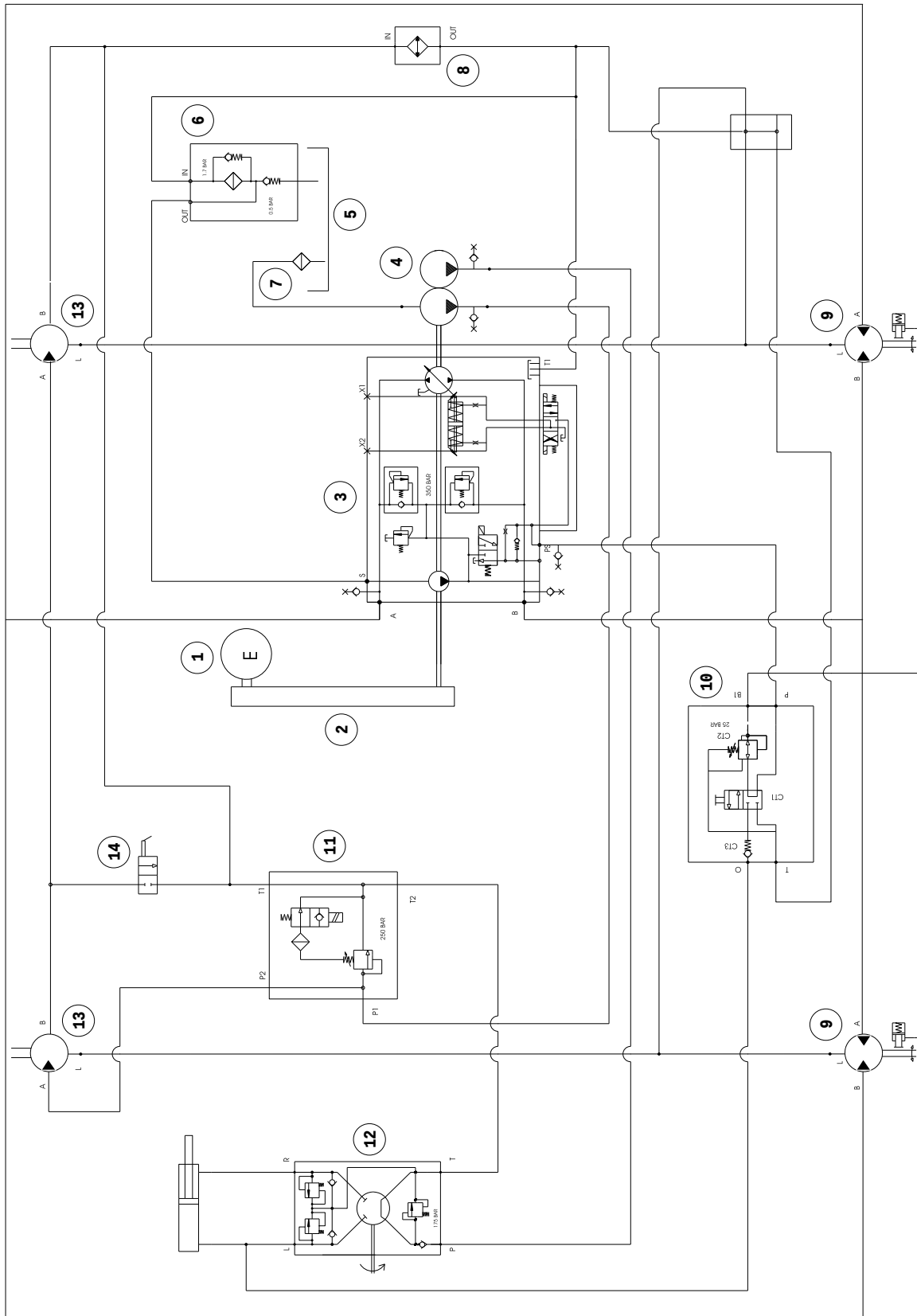


Hydraulic Circuit

Hydraulic Circuit



Item	Description	Details
1	Engine	Kubota D1703-M 24.5kW 3 Cylinder water cooled diesel engine
2	Belt-Box	Belt drive transmission unit ratio 1:1
3	Transmission Pump	Rexroth A10VG pump. 28cc/rev (45cc/rev on TV1300/1400) 350bar PRV. 26 bar charge
4	Tandem Auxiliary Pump	Vibration = 10.6cc/rev. Steering = 6cc/rev.
5	Tank	Capacity = 44 litres
6	Suction / Return Filter	Parker SRA Filter. 10 micron Beta 200 Filter.
7	Strainer	125 micron
8	Oil Cooler	Nissens Combi Cooler
9	Drum Drive Motor	Poclain MSE02/MS05 with spring applied parking brake.
10	Tow Valve	Brake pressure relief = 25 bar.
11	Vibration Valve	250 bar PRV. Nominal 75 bar per drum running pressure.
12	Steering Unit	175 bar PRV. 225 bar shock valve.
13	Vibration Motor	Roquet Gear Motors with anti-cavitation valves. 8cc/rev.
14	Bypass Valve	Ball valve to bypass front vibration motor.