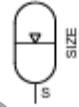


Why are hydraulic schematics important?

- They show the components in a circuit.
- They show how the components are connected.
- If there is enough information on the schematic you should be able to determine how the circuit operates.
- It is important for maintenance, fault finding and system modifications.
- Without it you guess how a circuit is connected, especially with manifolds where you cannot see the internal connections.

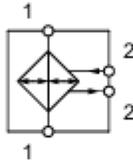
Basic hydraulic symbols - miscellaneous



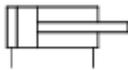
Hydraulic
Accumulator



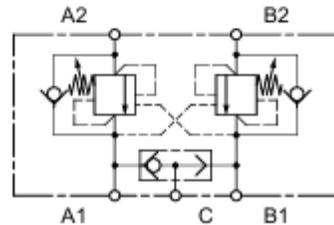
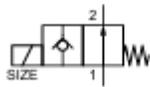
Hydraulic
Filter with
bypass



Heat
exchanger

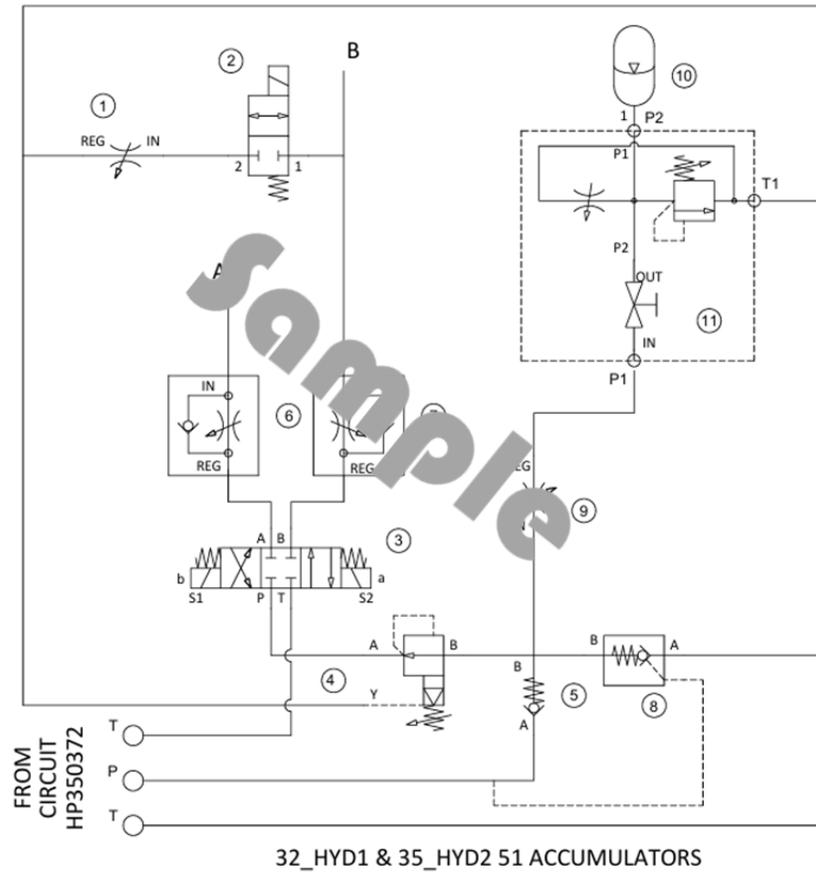


Pressure
gauge



Hydraulic
cylinder

Exercise – Identify the components



ID	Description
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	