Assignment 8

The due date for submitting this assignment has passed. Due on 2021-03-17, 22:59 IST.

As per our records you have not submitted this assignment.

A) The accumulators are mainly used as an

- power source
- leakage compensator
- surge changing
- supplementing pump flow

1 point

B) These are not the hydraulic accumulators

- spring type accumulator
- piston type accumulators
- diaphragm type accumulators
- gravity type accumulator

1 point

C) These are not the hydraulic accumulators

- spring type accumulator
- piston type accumulators
- gravity type accumulator

1 point

D) Weight-loaded accumulators are not very popular because of their

- small size
- light weight
- heavy weight
- instability in mounting

1 point

E) These are not the features of spring loaded accumulator

- consists of cylinder body and a movable piston
- delivers only a small volume of oil relative to its pressure
- smaller and can be mounted in any position
- pressure exerted on the oil is constant

1 point

F) Power supply section includes energy conversion part and the pressure medium contributing part

1 point

G) Pump flow rate is 15.5 litres/min and hence the size of the reservoir should be at least

20 litres
90 litres
120 litres
1200 litres

1 point

H) Brake valves can be used

- in which applications
- to prevent loads from overenacting uncontrollability in circuits
- to prevent loads from overenacting uncontrollability in motions
- must lower a larger weight

1 point

I) Pump can generate completely different pressure, depending on the resistance against which the oil flows

True
False

1 point

J) The speed of retention will be smaller than the speed of extension for a given pump output discharge, in case of double-acting-cylinder

True
False

1 point