

Chapter 4

RATE RE-SET VALVE, TYPE RRV.1/1A, RRV.100 and RRV.101

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ILLUSTRATION

Flow diagram of rate re-set valve ... 1

Description

1. The rate re-set valve is designed to maintain a reasonably constant input flow of fuel to a hydraulic governor, so that the governor will be insensitive to the effect of altitude on pump delivery pressures.
2. The valve comprises a square section body with an outlet connection at one end,

and at the opposite end a bolted plate carrying a maximum flow stop screw with a positive locked adjustment; the plate retains a cylindrical sleeve which houses a spring-loaded piston and metering plunger. An inlet connection containing a fuel strainer is carried on one side of the body.

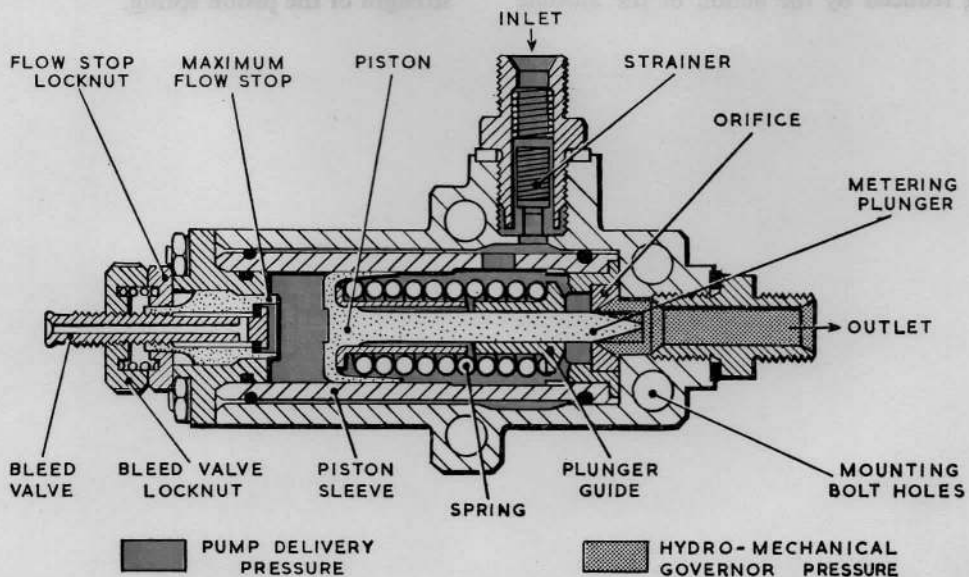


Fig. 1. Flow diagram of rate re-set valve

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