

OPTIMIZATION AND MODELLING OF EQUILIZING FLOW GLOBE VALVE FOR STRUCTURAL INTEGRITY AGAINST FLUIDIC LOADS,

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ABSTRACT

Its main functional is to provide the basic structure to the globe valve précised to turbulent fluidic loading and how it maintain its part structure mainly the ring area where the structure optimization to low stress value is a important factor otherwise it may lead to the leakage of fluid through the obstrucater and the corresponding contact area.

OBEJCTIVE

- To provide structural supports for a stable design.
- To provide a new design for better deformation results.
- To compare new disc with old one and its benefits

KEYWORDS: Supports, Valve