

Design Features

Dual-Plate Check Valve

ASTAM VALVE utilizing their abundant technology and past experience in the production in conjunction and newly adding the several features thereto has created ASTAM VALVE provided with the function responding the needs of every user

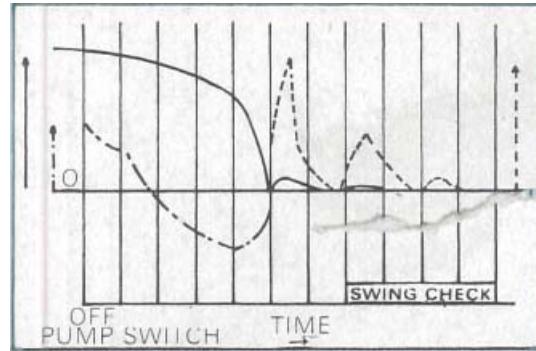
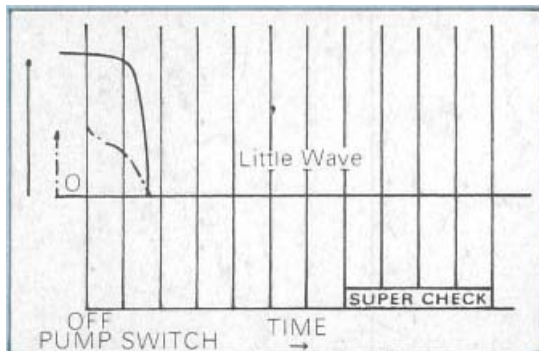
The ASTAM VALVE thus developed by us is consisting of Wafer type body, plate, seal/seat, torsion spring and pin provided internally, is so compact that the face to face may be reduced to about 1/4 and the weight may be about 1/5 when compared with the Conventional Swing Check Valve, and is thus more **durable and thin**.

The ASTAM VALVE is designed so light that it will not apply any unnecessary load and such the casing of the expensive pump and compressor, furthermore making the support bed and the foundation work unnecessary it will **save the construction works and maintainece**.

Important Features:

☆ ALLEVIATION from WATER HAMMER

Reaction of torsion spring installed inner valve makes plate rapidly close prior to the start of reverse flow of fluid due to the stop of power, thus prevents pipe, pump and other piping facilities from the damage and trouble due to the Water Hammer effect vertical postion .

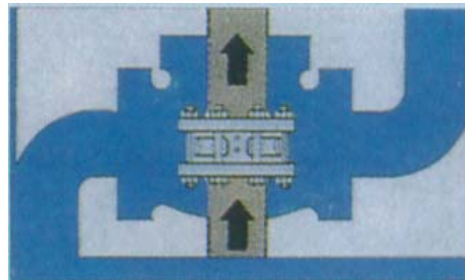
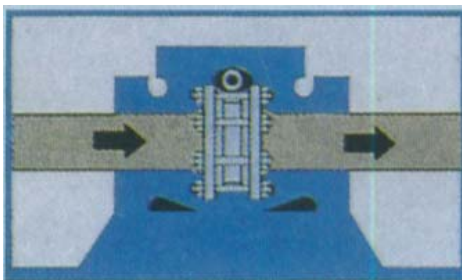


☆ LOWER HEAD LOSS

It is designed as that opening area is expended to the allowable and head loss of flow passage is less when compared with those of similar Dual Plate Check Valve.

☆ FREE IN INSTALLING DIRECTION

In addition to the compact shape ASTAM CHECK can be installed either Horizontally or Vertically.



☆ LONG LEG TORSION SPRING

Action which allows the plates to open and close without seat scrubbing