



# DYNAMIC LINE VALVES L.L.C.

## دايناميك لاين لصمامات ش.ذ.م.م

## SWING CHECK VALVE

## DISCRIPTION



A swing check valve is a check valve in which the disc, the movable part to block the flow, swings on a hinge or trunnion, either onto the seat to block reverse flow or off the seat to allow forward flow.

The seat opening cross-section may be perpendicular to the centerline between the two ports or at an angle. Although swing check valves can come in various sizes, large check valves are often swing check valves. Another variation of this mechanism is the clapper valve, used in applications such as firefighting and fire life safety systems.

A hinged gate only remains open in the in flowing direction. The clapper valve often also has a spring that keeps the gate shut when there is no forward pressure. These conventional swing check valves are used in horizontal or vertical systems with rising flow to prevent flow reversal. These are suitable for multi pump water applications which have low to medium lift.

## FEATURES

- Valves for working pressure between 0,1 – 16 bar
- Designed according to BS / AWWA standards
- Requires minimal maintenance
- Optional accessories such as lever & weight, drain plugs, arm-guard, proximity switches etc.
- Flanged Connection
- By-pass facility for larger sizes



+971 42677795



+971 42677728



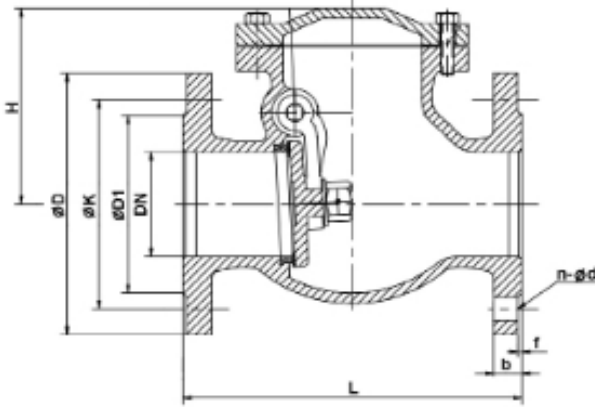
sales@dynamiclinevalves.com



# DYNAMIC LINE VALVES L.L.C.

## دايناميك لاين لصمامات ش.ذ.م.م

### DESIGN PROCEDURE



- Design in accordance with BS/ AWWA STANDARDS
- Service pressure 10-16 bars
- Painting: externally and internally, epoxy coated (300 microns)

### SPECIFICATIONS

BODY & BONNET	DUCTILE IRON/CAST IRON
SEAT	SS/GUNMETAL/RUBBER
HING PINS	STAINLESS STEEL
INTERNAL, EXTRNAL - NUTS & BOLTS	STAINLESS STEEL
DN	40/400
PN	10/16/25
COATING	INTERNALLY & EXTERNALLY EPOXY COATED
HYDRAULIC TEST	NONTOXIC EPOXY - INTERNALLY & EXTERNALLY



+971 42677795



+971 42677728



sales@dynamiclinevalves.com