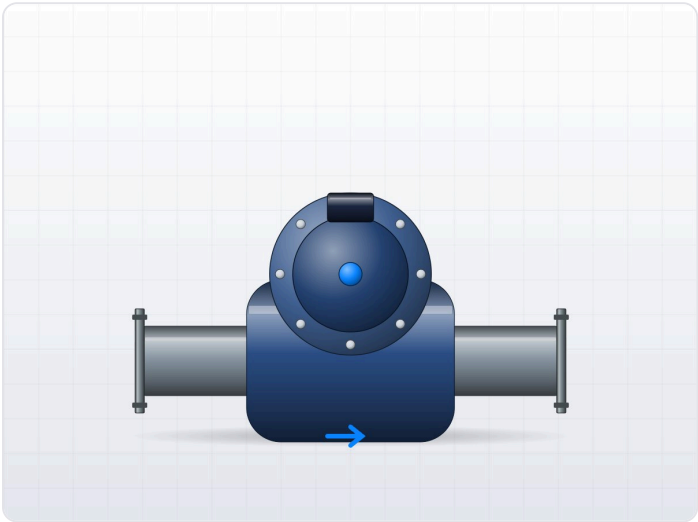


ILLUSTRATIVE DEMONSTRATION DATASHEET — fictional product and data; not for engineering or purchasing use.

CK-120 Swing Check Valve

Model CK-120

Swing check valve that prevents backflow.



NOMINAL SIZE
DN 50 – DN 400

PRESSURE CLASS
PN 16

TEMPERATURE
-10 to 100 °C

OPERATION
Self-acting

OVERVIEW

The CK-120 is a swing-type check valve with a hinged disc that opens on forward flow and closes against reverse flow. A bolted cover gives access to the disc for inspection.

It is placed on pump discharge lines and in drainage and wastewater systems.

KEY FEATURES

- Low opening pressure
- Bolted inspection cover
- Renewable seat ring
- Optional lever and weight

TECHNICAL SPECIFICATIONS

DIMENSIONS	Nominal size	DN 50 – DN 400
DIMENSIONS	End connections	Flanged, EN 1092-2
RATINGS	Pressure class	PN 16
RATINGS	Temperature	-10 to 100 °C
OPERATION	Type	Self-acting swing disc
OPERATION	Installation	Horizontal or vertical (upward flow)
MASS	DN 100	20 kg
MASS	DN 400	210 kg

MATERIALS OF CONSTRUCTION

BODY	Ductile iron
DISC	Ductile iron, EPDM-faced
SEAT	Stainless steel
HINGE PIN	Stainless steel 316

STANDARDS AND OPERATING CONDITIONS

Design reference: EN 12334 (illustrative)
Water, wastewater and neutral liquids.