

BNV10FC-TB

STOP VALVE

1/8"

UP TO 1,379 BAR
20,000 PSI



The BNV10FC-TB is a cartridge style stop valve. It provides tight shut-off when closed via a T-bar handle.

Coarse adjustment allows fast operation. The valve may be used with the same functionality in either direction.

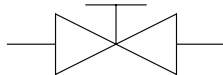
- Manual stop or shut-off valve
- Lockable adjustment
- Cartridge style ideal for use in manifolds
- Non-rotating valve stem protects valve seat
- Metal to metal seating with hardened stem for durability
- Suitable for uni-directional or bi-directional shut-off
- Short handle option for pressures up to 862 bar (12,500psi) allows compact system designs
- Stainless steel construction
- Suitable for use with mineral oils, water glycols and plain water
- Compatible with many other media, contact us for advice
- Various seal options available

Specifications

BASIC MODEL
NUMBER

BNV10FC-TB

SYMBOL



MAX WORKING
PRESSURE

1,379 bar
(20,000 psi)

CV (FLOW CAPACITY)

Up to 0.20
See performance graph

FLUID

Liquids only
See materials section

TEMPERATURE RANGE

See Product Selector opposite
and Technical Data section

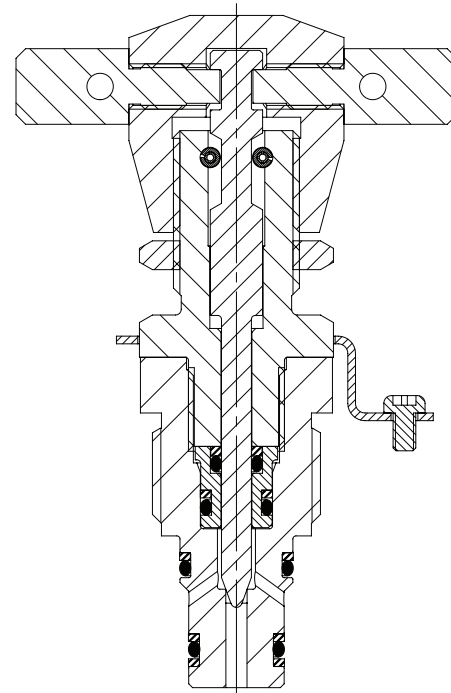
NOMINAL SIZE

1/8"

WEIGHT

0.29 kg
(0.64 lb)

Specifications may change without notice



Materials

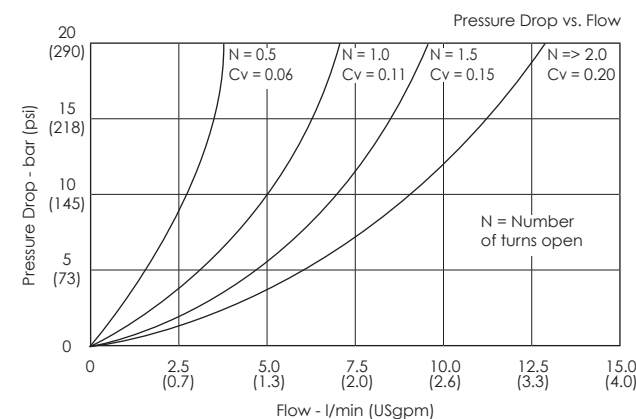
Externally Exposed Parts: 316 stainless steel and aluminium bronze.

Internally Wetted Parts: 316 and 17-4 PH stainless steel and acetal.

The standard valve is designed for use with mineral oil, water glycols and plain water, but may be used with a wide variety of media compatible with the materials of construction. Other material options are available, please contact us for advice.

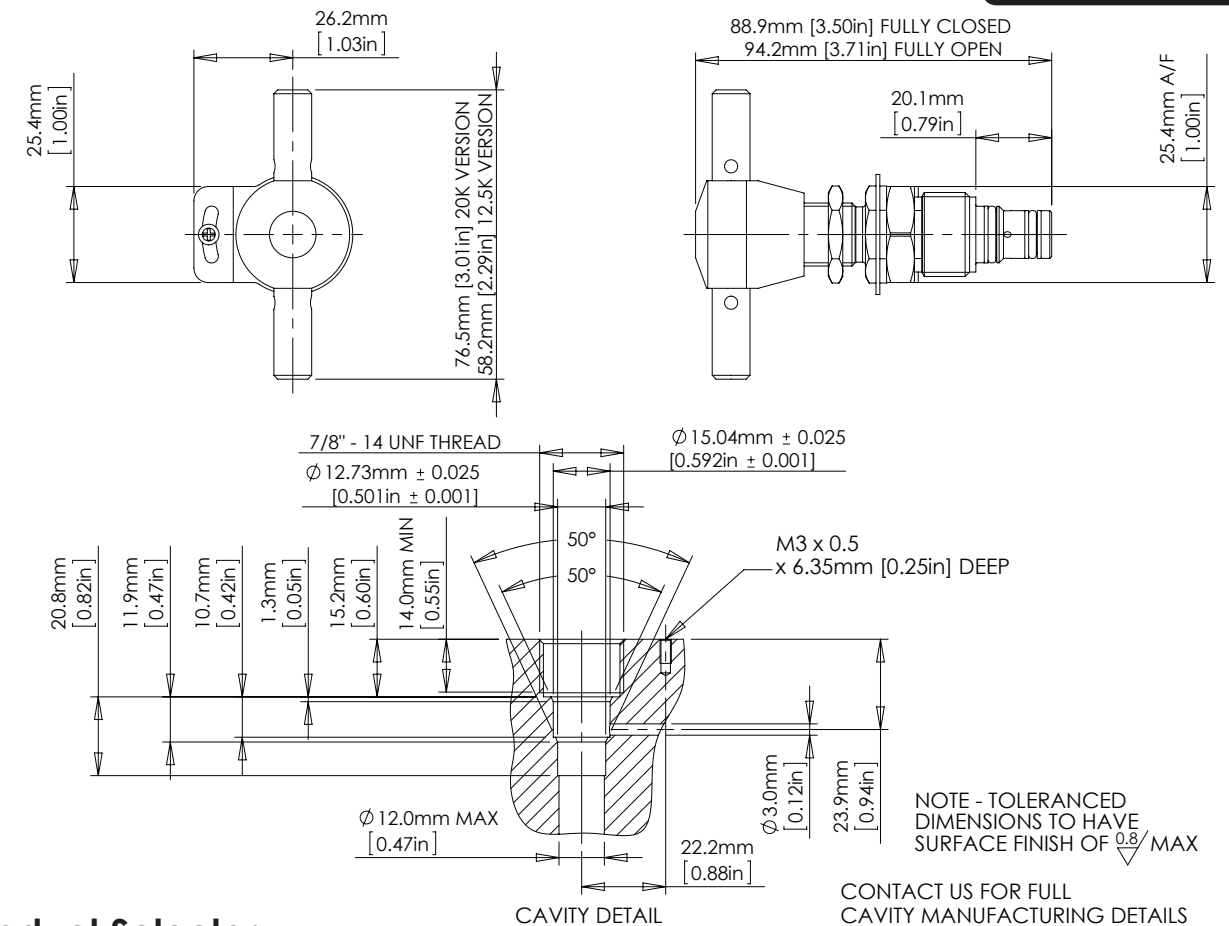
⚠ The standard valve has Viton® seals. Further seal options are available via the Product Selector. Compatibility with the working fluid at the operating temperature must be considered.

Typical Performance



Typical performance based on water

Installation Diagram



Product Selector

BNV10FC-TB - NBR - 12.5K

VALVE
TYPE

BNV10FC-TB

SEAL
OPTIONS

Leave blank for Viton® seals
-10°C to +120°C

NBR

Nitrile seals
-30°C to +105°C

EP

EPDM seals
-45°C to +120°C

KLZ

Kalrez® seals
-25°C to +120°C

HNBR

Hydrogenated Nitrile seals
-20°C to +120°C

⚠ Exposure to high and low fluid temperatures will influence handle temperature. Operator safety must be considered

MAX
WORKING
PRESSURE

12.5K
862 bar
(12,500 psi)
Liquid

20K
1,379 bar
(20,000 psi)
Liquid

Repair and seal kits are available
on request

For a seal kit add SK at the end of the
model code and for a repair kit add RK



Catalogue also available on digital media
Visit our website for a full online search facility
www.bisvalves.co.uk



BIS VALVES
The Specifier's Catalogue

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