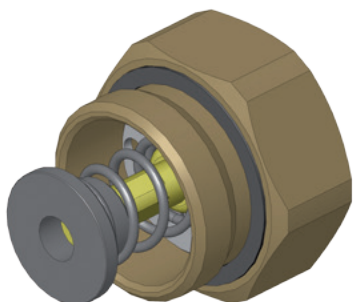
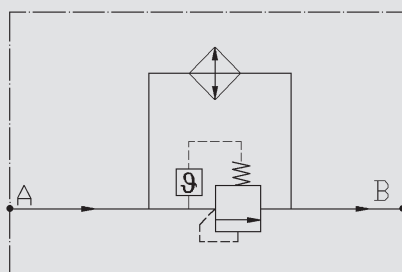




Integrated Temperature Bypass Valve IBT

Symbol



General

The IBT leaves the bypass channel open so that a part of the fluid bypasses the cooling element. Only when the fluid temperature reaches the required value, the IBT closes the bypass channel and the fluid is cooled down. So, a too low temperature of the fluid can be avoided i. e. at cold starts.

Note:

This valve requires a special cooling element with integrated bypass channel. Therefore, it cannot be retrofitted.

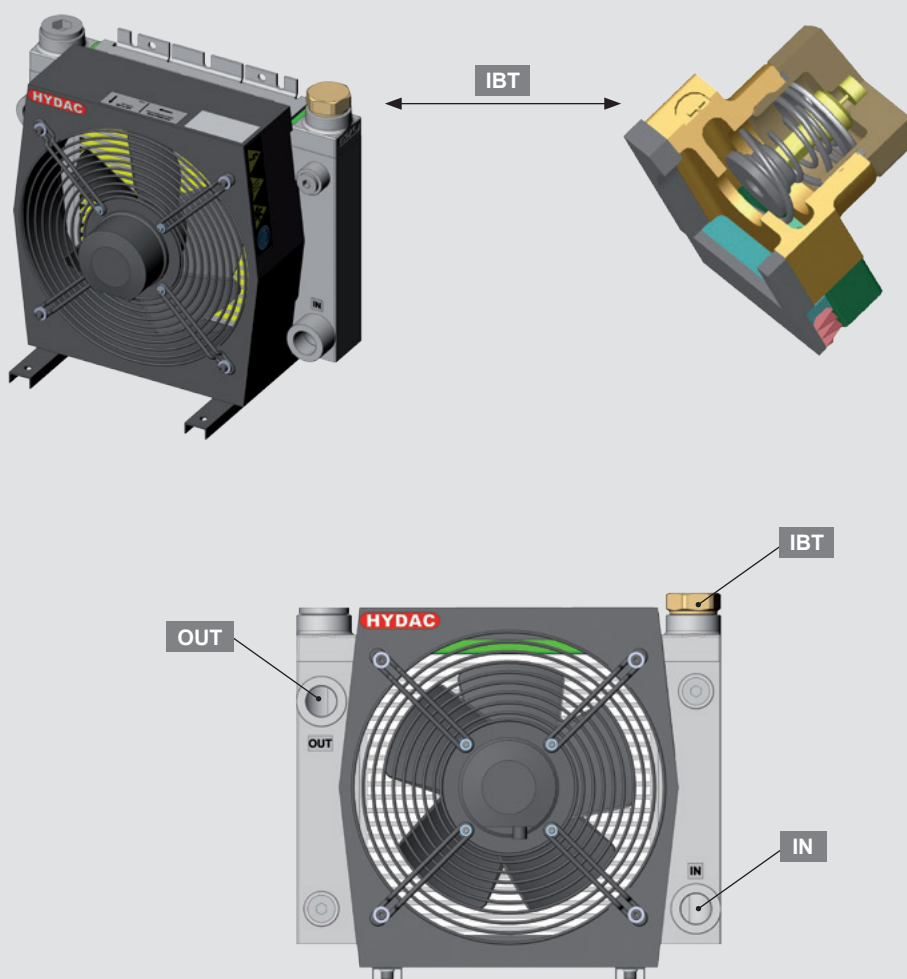
Operation Data

- Fixed setting temperature value
- Low pressure drop
- Works in any position
- Maintenance-free

IBT version	Available closing temperatures	Available opening pressure
IBT 25-x	25 °C	x = 2/3 bar
IBT 45-x	45 °C	x = 2/3/4/6 bar
IBT 50-x	50 °C	x = 2/3 bar
IBT 55-2	55 °C	2 bar
IBT 60-x	60 °C	x = 2 or 3 bar
IBT 65-2	65 °C	2 bar
IBT 75-2	75 °C	2 bar
IBT 80-2	80 °C	2 bar

Installation

Inlet port is always placed on the tank where the IBT is assembled.



Model Type

Please check cooler compatibility in the table.

as accessory:

... / **IBT 45 - 2**

Opening pressure: 2, 3, 4 or 6 bar

Temperature at which IBT closes the bypass
(see table of IBT versions)

IBT = thermostatic bypass valve

as spare part:

IBT 45 - 2

Opening pressure: 2, 3, 4 or 6 bar

Temperature at which IBT closes the bypass
(see table of IBT versions)

IBT = thermostatic bypass valve