Model CV-300B Grooved End Swing Check Valves

General Description
The TYCO Model CV-300B Grooved End Swing Check Valves are compact and rugged swing-type units that allow water flow in one direction and prevent flow in the opposite direction. A resilient elastomer seal facing on the spring-loaded clapper ensures a leak-tight seal and non-sticking operation. The Model CV-300B Check Valves are designed to minimize water hammer caused by flow reversal.

The Model CV-300B Grooved End Swing Check Valves are furnished with grooved ends and can be installed using GRINNELL Grooved Couplings or GRINNELL Figure 71 Flange Adapters. These valves can be installed horizontally, or vertically with the flow in the upward direction (Ref. Figure 2).

NOTICE
The TYCO Model CV-300B Grooved End Swing Check Valves described herein must be installed and maintained in compliance with this document and with the applicable standards of the NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), in addition to the standards of any authorities having jurisdiction. Failure to do so may impair the performance of these devices.

Never remove any piping component nor correct or modify any piping deficiencies without first de-pressurizing and draining the system. Failure to do so may result in serious personal injury, property damage, and/or impaired device performance.

The owner is responsible for maintaining their fire protection system and devices in proper operating condition. Contact the installing contractor or product manufacturer with any questions.

Technical Data
Approvals
UL and ULC Listed
FM Approved

Sizes
4 in. (DN100)

Maximum Working Pressure
300 psi (20.7 bar)

Valve Assembly Finish
Red, non-lead paint

Weight
19.84 lbs (9 kg)

Installation
The Model CV-300B Grooved End Swing Check Valves to be installed in accordance with this section:

Step 1. The arrow cast on the body must point in the direction of the flow (Ref. Figure 2):
- Vertical installation - orient the valve with the flow arrow pointed up
- Horizontal installation - orient the valve with the large boss facing either up or down, and the flow arrow pointed left or right

Step 2. Grooved end pipe couplings used with the Model CV-300B Grooved End Swing Check Valves must be installed in accordance with manufacturer's instructions.

Note: Valves should be installed a reasonable distance downstream from pumps, elbows, expanders, reducers, or other similar devices to extend the valve life. Standard piping practices call for a minimum of five (5) times the pipe diameter for general use.

Care and Maintenance
The TYCO Model CV-300B Grooved End Swing Check Valves must be maintained and serviced in accordance with this section.

For fire protection pressure rating, listing and approval information, contact your TYCO representative.

IMPORTANT
Refer to Technical Data Sheet TFP2300 for warnings pertaining to regulatory and health information.
Limited Warranty

For warranty terms and conditions, visit www.tyco-fire.com.

Ordering Procedure

Contact your local distributor for availability. When placing an order, indicate the full product name and Part Number (P/N).

Model CV-300B Check Valve
Specify: Model CV-300B Grooved End Swing Check Valve, 4 in. (DN100), P/N 59-530-0-040