



# HIGH PRESSURE CHECK VALVES

## Literature





**Figure 1**  
**INTEVA Check Valve**

### **Introduction:**

High pressure check valves or non return valves are valves that allow fluids to flow in one direction only. It also means that it is used to prevent the return flow of the fluids. Check valve is a two opening valve where one for fluids to enter and one for fluids to flow out. There is a directional arrow that is marked on the valve body to show the valve inlet and outlet. For the check valve, it will need a cracking pressure to push the poppet for fluids to flow through.

For Inteva series check valves, it was designed as a metal closing system and made in accordance to European Directive 97/23/EC. It is suitable for oil hydraulic applications in marine and offshore industry.

### **Material:**

High pressure check valves can be available in Steel (EN-10277-3) and Stainless Steel (AISI 316) material.

### **Size Range & Pressure Rating:**

The available sizes for high pressure check valves range from 1/4" to 2". The working pressure is up to 420 Bars.



**Figure 2**  
**MHA Check Valve**

### **Connection Type:**

The two available connections for high pressure check valves are NPT (National Pipe Thread) and BSPP (British Standard Pipe Parallel).

## **Chuan Kok Hardware & Machinery Pte Ltd**

Address : 1783 Geylang Bahru, #01-02, Singapore 339708  
Telephone Number : +65 6294 2566  
Email Address : [info@chuankok.com](mailto:info@chuankok.com)  
Website : [www.chuankok.com](http://www.chuankok.com)  
Business Registration Number : 198201577Z  
Country of Registration : Singapore

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