

# Eccentric Plug Valve

## Installation Card

► Please read these instructions before installation



GB – INSTALLATION INSTRUCTIONS



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The life of the valve is dependent on its application, frequency of use and freedom from misuse.

The properties of the fluid passing through the valve such as pressure, temperature, chemical constituents and solids content must be taken into consideration to minimise or avoid premature failure.

A well-designed system will take into consideration additional factors such as the electrolytic interaction between dissimilar metals in the valve and pipework.

Before commissioning a system, it should be flushed to eliminate debris and chemically cleaned as appropriate which will help prolong the life of the valve.

Not suitable for fatigue loading, creep conditions, fire testing, fire hazard environment, corrosive or erosive service, transporting fluids with abrasive solids.

### Limits of Use within Europe

The valves to which these installation, operation and maintenance instructions apply have been categorised in accordance with the Pressure Equipment Directive.

The fluid to be transported is limited to certain Group 2 liquids i.e. non-hazardous and on no account must be these valves be used on any Group 2 gases, Group 1 liquids or Group 1 gases. **Please contact Viking Johnson for further details.**

Fluid	Group 2 Liquids		
Series 850	PN	DN	Category
Nitrile	16	50 to 300	SEP
EPDM	16	350	I*

\*Category I requires CE mark

### Operating Pressures and Temperatures

PN 16	Non-shock pressure at temperature range	Non-shock pressure at max. temperature
Nitrile	16 bar from -10°C to 90°C	16 bar at 90°C
EPDM	16 bar from -10°C to 120°C	16 bar at 120°C

### Pressure/Temperature Rating

These valves must be installed in a piping system whose normal pressure and temperature do not exceed the above ratings.

If system testing will subject the valve to pressures in excess of the working pressure rating, this should be within the test pressure for the body, with the valve partially open.

The maximum allowable pressure is for non-shock conditions. Water hammer and impact for example, should be avoided.

If the limits of use specified in these instructions are exceeded or if the valve is used on applications for which it was not designed, a potential hazard could result.

### Location

The eccentric plug valve may be installed in horizontal pipework or vertical pipework.

Valves must be provided with adequate support. Adjoining pipework must be supported to avoid the imposition of pipeline strains on the valve body. Heavy valves may need independent support or anchorage.

**For full Installation and Operation Manual please check:**  
[www.vikingjohnson.com/en/page/resources/en/view/instruction](http://www.vikingjohnson.com/en/page/resources/en/view/instruction)

### For more information on this product:

Simply scan the QR code to go to Viking Johnson website where you can also find out more about our Flow Control range.



[www.vikingjohnson.com/eccentric](http://www.vikingjohnson.com/eccentric)

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