

# Pegler Valve

Ductile Iron Gate Valve.

BS EN 1171:2002 PN16, EPDM Wedge

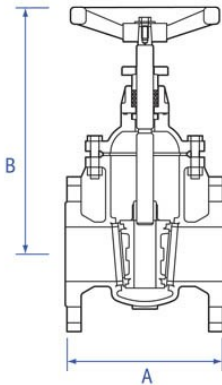
V850 Gate Valve



## General Information

Size	Pattern No.	Pack 1 Qty	Pack 2 Qty	Code	Barcode	Price (£) each ex VAT
DN50	V850	1	0	<a href="#">112150</a>	5022050578464	£404.20
DN65	V850	1	0	<a href="#">112151</a>	5022050578488	£404.20
DN80	V850	1	0	<a href="#">112152</a>	5022050578495	£462.64
DN100	V850	1	0	<a href="#">112153</a>	5022050578518	£583.13
DN125	V850	1	0	<a href="#">112154</a>	5022050578525	£841.71
DN150	V850	1	0	<a href="#">112155</a>	5022050578532	£976.53
DN200	V850	1	0	<a href="#">112156</a>	5022050578549	£1811.28
DN250	V850	1	0	<a href="#">112157</a>	5022050578556	£3428.47
DN300	V850	1	0	<a href="#">112158</a>	5022050578563	£3842.34

V850 Gate Valve



## Dimensions

Code	Description	A	B
112150	DN50 V850	178	240 13.0
112151	DN65 V850	190	265 17.0
112152	DN80 V850	203	323 19.0
112153	DN100 V850	229	365 25.0
112154	DN125 V850	254	413 34.0
112155	DN150 V850	267	477 40.0
112156	DN200 V850	292	585 68.0
112157	DN250 V850	330	710 101.0
112158	DN300 V850	356	789 137.0

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## Flow Rate

Size	Pattern No.	Code	Kv m3/h
DN50	V850	112150	230
DN65	V850	112151	360.0
DN80	V850	112152	519.0
DN100	V850	112153	923.0
DN125	V850	112154	1443.0
DN150	V850	112155	2077.0
DN200	V850	112156	3693.0
DN250	V850	112157	5771.0
DN300	V850	112158	8310

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## Care and Maintenance

### Care

No regular aesthetic care is required for this product

### Maintenance

A regular maintenance program is the most efficient method of ensuring longer term operational efficiency of

the selected valve. Such a program would need to include a risk assessment and a planned procedure of how the maintenance will be carried out. The possibility of operational limits being exceeded and the potential hazards ensuring must be considered as part of this assessment. This should be implemented to include visual checks on the valve's condition and any development of unforeseen conditions, which could lead to failure. The correct fitting tools and equipment should be used for valve maintenance work. Separate means of draining the pipe work must be provided when carrying out any maintenance to valves. Where there may be any system debris this could be collected and /or filtered by installation of the appropriate protective device.

For further help please contact your local engineer.

If your product is under warranty please contact the Service Support Team on: 0800 1560050

## **Regulations**

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#### **THE PRESSURE EQUIPMENT DIRECTIVE 97/23/EC and CE MARKING**

The Pressure Equipment Regulations 1999 (SI 1999/2001) have now been introduced into United Kingdom law.

Valves with a maximum allowable pressure greater than 0.5 bar are covered by these new Regulations. Valves are categorised according to their maximum working pressure, size and rising level of hazard. The level of hazard varies according to the fluid being carried. Fluids are classified as Group 1, dangerous fluids or Group 2, all other fluids including steam. The Categories designated are SEP (sound engineering practice). Valves up to and including 25mm (1") are designated SEP regardless of the fluid group. Those identified as having increased hazard are Categorised as, I, II, III or IV. All valves designated as SEP do not bear the CE mark nor require a Declaration of Conformity. Categories I, II, III or IV carry the CE mark and require a Declaration of Conformity. Valves classified from the piping chart would not be included in Category IV.

<b>Size</b>	<b>Pattern No.</b>	<b>Code</b>	<b>PED Categorisation</b>
DN50	V850	112150	SEP
DN65	V850	112151	SEP
DN80	V850	112152	SEP
DN100	V850	112153	SEP
DN125	V850	112154	SEP
DN150	V850	112155	SEP
DN200	V850	112156	SEP
DN250	V850	112157	SEP
DN300	V850	112158	SEP

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## **Materials**

<b>Component</b>	<b>Material</b>
Body	Ductile Iron
Body Seat Ring	Gunmetal
Bonnet	Ductile Iron
Bonnet Gasket	EPDM
Stem	Stainless Steel
Wedge	EPDM
Wedge Nut	Gunmetal
Gland Flange	Ductile Iron
Gland	Ductile Iron
Gland Packing	Graphite Non - Asbestos
Stuffing Box	Ductile Iron
Stuffing Box Gasket	Compressed Graphite
Handwheel	Ductile Iron

## **Technical Suitability**

<b>Steam</b>	<b>Water</b>	<b>Oil</b>	<b>Air</b>	<b>Gas</b>	<b>Inert Gas</b>	<b>Combustible†</b>	<b>Gas Corrosive††</b>	<b>Gas Oxygen</b>
no	yes	no	no	no	no	no	no	no

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## **Gas application guide**

Class 1. INERT Air, argon, carbon dioxide, helium, nitrogen  
Class 2. COMBUSTIBLE Hydrogen, methane, natural gas, town gas  
Class 3. CORROSIVE Chlorine, sulphur dioxide Class 4. OXYGEN  
Class 1. INERT Air, argon, carbon dioxide, helium, nitrogen  
† Valves are suitable for British Gas Applications Family Gases 1, 2 and 3.  
†† Suitable in applications where moisture is completely absent.

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