

**LYE****CHECK VALVES**

# DOUBLE DOOR WAFFER TYPE CHECK VALVE FOR WATER PUMPING SYSTEMS

ICAL MONITORING

## In Brief

- ▶ Most Compact & Common Category of Check Valve Used in Water Pumping Systems
- ▶ Good Non-Slam Operation with Short Linear Disc Stroke Closing by Torsion Spring
- ▶ **Working Pressure** : 10/16 bar
- ▶ **Shell Test Pressure** : 15/24 bar
- ▶ **Seat Test Pressure** : 11/17.6 bar
- ▶ **Temperature Range** : 0°C - 80°C
- ▶ **Coating** : Fusion Bonded Epoxy
- ▶ **Sealing** : EPDM



## Standards

- ▶ **Test** : BS EN 12266-1 / BS EN 167167
- ▶ **For Connecting End** : BS EN 1092-2 PN10/PN16, JIS B2212 10K, BS Table D/E, AS 2129 Table E, ASME B16.5 CL150

## Features

- ▶ **Range of Valve Sizes** : DN50 to DN600
- ▶ Great Installation Advantages with Small Occupancy of Space for Easy Disassembly & Maintenance
- ▶ Universal Flange Connection for Vertical & Horizontal Installation
- ▶ Ideal for Vertical Pipeline Installation in Delivering Upwards Flow

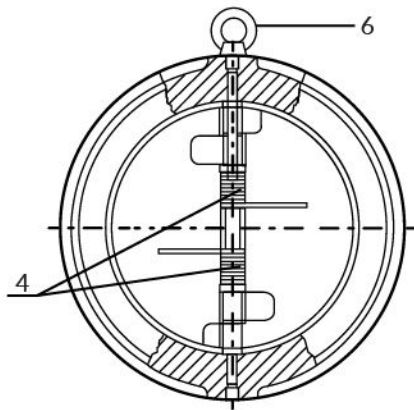
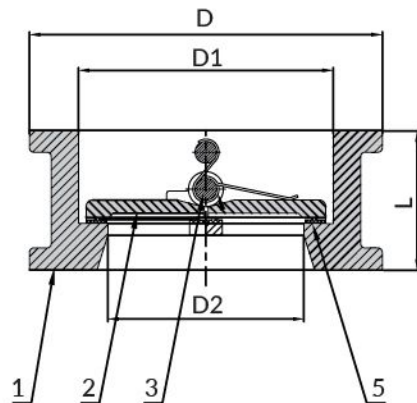


The Brand Of Reliability

**LYE MANUFACTURING SDN.BHD.** (197701001852 (32836-H))  
Manufacturer of Valves, Hydrants, Joints, Fittings & Manhole Covers

# DOUBLE DOOR WAFER TYPE CHECK VALVE FOR WATER PUMPING SYSTEMS

## Technical Table



## Parts List & Materials

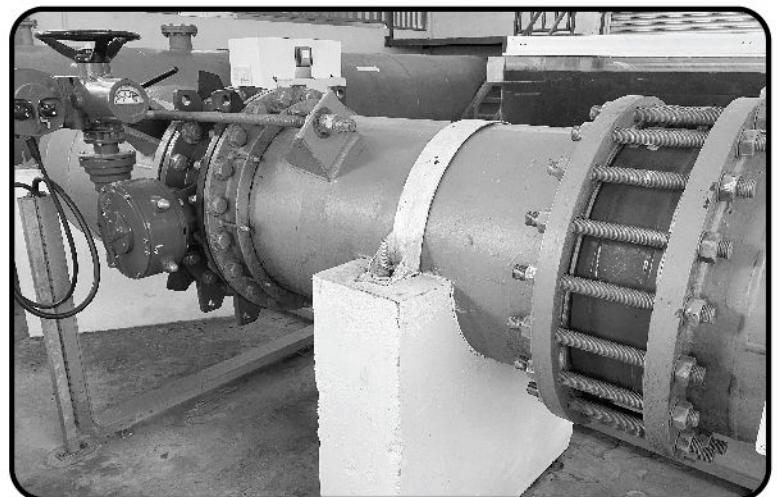
| No. | Component     | Material        | Standard Ref. |
|-----|---------------|-----------------|---------------|
| 1   | Body          | Ductile Iron    | BS EN 1563    |
| 2   | Disc          | Ductile Iron    | BS EN 1563    |
| 3   | Stem          | Stainless Steel | BS EN 10088-3 |
| 4   | Spring        | Stainless Steel | BS EN 10088-3 |
| 5   | Seat          | EPDM            | BS EN 681     |
| 6   | *Lifting Bolt | Ductile Iron    | BS EN 1563    |

\*For Valve Sizes  $\geq$  DN400

## Specifications & Parameters Chart

| DN (mm) | L (mm) | D (mm) | D1 (mm) | D2 (mm) |
|---------|--------|--------|---------|---------|
| 50      | 54     | 107    | 64      | 46      |
| 65      | 54     | 127    | 79      | 60      |
| 80      | 57     | 142    | 94      | 70      |
| 100     | 64     | 162    | 117     | 84      |
| 125     | 70     | 192    | 145     | 115     |
| 150     | 76     | 218    | 170     | 134     |
| 200     | 95     | 273    | 224     | 184     |
| 250     | 108    | 328    | 265     | 220     |
| 300     | 143    | 378    | 310     | 260     |
| 350     | 184    | 438    | 360     | 302     |
| 400     | 140    | 489    | 410     | 355     |
| 450     | 152    | 539    | 450     | 382     |
| 500     | 152    | 617    | 505     | 435     |
| 600     | 178    | 734    | 624     | 536     |

## Check Valve Installation



Wafer Type Design Fits between Two Pipe Flanges

Note: Technical data provided in this brochure is indicative only and may be subject to change without prior notice.