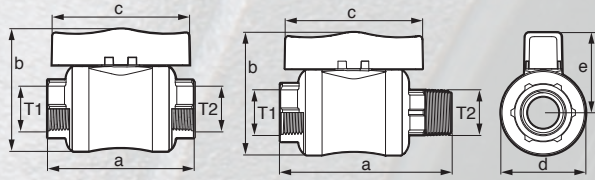


## Technical Specifications

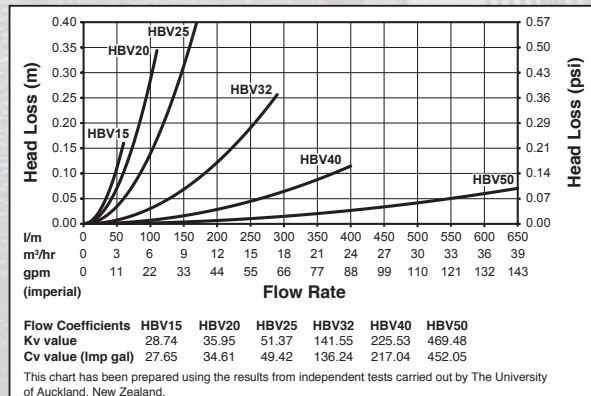
### Hansen Ball Valve Dimensions and Available Sizes



Product Code	T1 BSPT (DN*)	T2 BSPT (DN*)	a mm	b mm	c mm	d mm	e mm
<b>Female Ball Valve Dimensions</b>							
HBV15	15mm (1/2")	15mm (1/2")	98	82	93	56	54
HBV20	20mm (3/4")	20mm (3/4")	98	82	93	56	54
HBV25	25mm (1")	25mm (1")	111	93	104	65	61
HBV32	32mm (1 1/4")	32mm (1 1/4")	122	107	112	76	69
HBV40	40mm (1 1/2")	40mm (1 1/2")	135	124	123	90	79
HBV50	50mm (2")	50mm (2")	146	140	131	106	89
<b>Male/Female Ball Valve Dimensions</b>							
HBV25MF	25mm (1")	25mm (1")	131	93	104	65	61
HBV32MF	32mm (1 1/4")	32mm (1 1/4")	142	107	112	76	69
HBV40MF	40mm (1 1/2")	40mm (1 1/2")	155	124	123	90	79
HBV50MF	50mm (2")	50mm (2")	170	140	131	106	89

Pressure Rating: 16 Bar/235 PSI @ 20°C

### Hansen Ball Valve Flow Chart



Firstly find your system flow across the bottom of chart, and then take a line vertically up the chart to size a valve with an acceptable head loss for your system.

For further technical information including chemical & temperature specifications, please visit our website: [www.hansenproducts.com](http://www.hansenproducts.com)

## Frequently Asked Questions

### Q How tight should I tighten my Hansen Ball Valves?

**A** Do not over tighten. The right way to tighten a Hansen Ball Valve is finger tight plus one to two turns - no more! For more info on installation tips visit [www.hansenproducts.com](http://www.hansenproducts.com)

### Q Do I need to support my Hansen Ball Valve?

**A** Yes. All pipe work must be adequately supported.

### Q What type of sealant should I use?

**A** Use a thread sealant on all threaded connections. We recommend Loctite 5331 and Ceelon PTFE or a quality threaded tape.

### Q Can I use Hansen Ball Valves with metal fittings?

**A** Yes. For more info on installation tips visit [www.hansenproducts.com](http://www.hansenproducts.com)

### Q Can I use Hansen Ball Valves with my swimming pool/spa pool set up?

**A** No, as the high concentration of chlorine used in the water for pools will attack the material. The fitting material is only suitable for use with domestic water. Hansen products that are used in this application will not be covered by warranty.

### Q What temperature can I use Hansen Ball Valves at?

**A** Hansen have tested all its products for use with cold water up to a maximum temperature of 60°C (140°F). We do not recommend the use of these products with temperatures higher than 60°C (140°F) as plastic expands due to temperature increases. Hansen cannot guarantee the products will perform when used with temperatures over 60°C (140°F). Hansen products that have failed in temperatures higher than 60°C (140°F) will not be covered by warranty.

### Q Are Hansen Ball Valves Frost Friendly?

**A** Hansen Ball Valves are Frost Friendly and have been tested in frost conditions. Results may vary in freezing conditions.

### HANSEN PRODUCTS (NZ) LIMITED

PO Box 809 • Whangarei • New Zealand

P: +64 9 430 4140 F: +64 9 430 4141

E: [info@hansenproducts.com](mailto:info@hansenproducts.com)

W: [www.hansenproducts.com](http://www.hansenproducts.com)

Available From:

**HANSEN**

Best Installed Value



**HANSEN**<sup>™</sup>

**Full Flow Ball Valve**



HD8075 2210

[www.hansenproducts.com](http://www.hansenproducts.com)



## Best Installed Value

Hansen Products *HiFlo* Valves are Strong, Lightweight and Compact and have been designed and manufactured to deliver high volumes of water quickly with smooth, unrestricted, full flow control.

Hansen *Full Flow Ball Valves* are a range of premium quality, robust & extremely versatile valves that have been proven successful in a wide range of all season applications. Touted as 'Frost Friendly' these valves are an industry leader in year round reliability, providing peace of mind service to a broad array of industries from rural to marine, domestic and commercial. Available in male and female threaded connection ends and accompanied by full unrestricted flow rates and easy on/off action, they are a pleasure to use and built with longevity in mind.

With over 60 years' experience in manufacturing, Hansen Products knows the importance of fluid delivery, flow and pressure within a pipe system. This has seen Hansen Products build a reputation for providing high performance, easy to use, innovative, simple products that provide our customers with "Best Installed Value".

All Hansen products carry our Limited Lifetime Warranty\*

\*For more information on our warranty, please visit [www.hansenproducts.com/legal.htm](http://www.hansenproducts.com/legal.htm)

## Product Details



**HBV**  
Blue Handle Female x Female BSPT Ball Valve for General Applications\*

**Available Sizes:** 15mm, 20mm, 25mm, 32mm, 40mm, 50mm (1/2", 3/4", 1", 1-1/4", 1-1/2", 2").



**HBVMF**  
Blue Handle Male x Female BSPT Ball Valve

**Available Sizes:** 25mm, 32mm, 40mm, 50mm (1", 1-1/4", 1-1/2", 2").

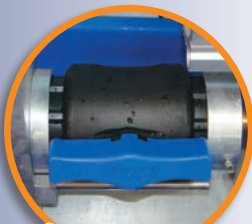


**HBVH**  
Ball Valve Handles also available in different colours for various applications

**Available Sizes:** 15mm, 20mm, 25mm, 32mm, 40mm, 50mm (1/2", 3/4", 1", 1-1/4", 1-1/2", 2").

\*Also available in NPT thread format. Non-stock item available on request

# Full Flow Reliable High Performance Ball Valve



### HAND TESTED

All Hansen Full Flow Ball Valves are rigorously hand tested.

### POSITIVE "CLICK" SMOOTH OPEN/CLOSE ACTION

Smooth action open and close helps reduce surge which can cause damage to your system. Positive 'click' gives the assurance the valve is either on or off.



### HIGH QUALITY MATERIALS

- Body & End Caps - Glass Fibre Reinforced Nylon
- Handle - Glass Fibre Reinforced Nylon
- Ball - Polypropylen
- Ball Seats & Stem - Acetal (POM)
- O-Rings - EPDM

### REMOVABLE HANDLES

Removable Handles for Security and Varying Applications



### DIFFERENT HANDLES FOR VARYING APPLICATIONS

Available as separate accessories.

- BLUE Handles for general applications
- LILAC Handles for grey water applications
- GREEN Handles for increased visibility and to differentiate

### MALE/FEMALE OR FEMALE THREAD OPTIONS

Available in various thread options to suit a range of applications



Male/Female Ball Valves available in sizes 25 to 50mm

### FULL FLOW BORE

Unrestricted Full Flow Ball Valve gets the job done faster. Less system strain, lower maintenance costs. High Pressure 16 Bar Rated.



### MAXIMUM WORKING PRESSURE

16 Bar (235 psi)  
@ 20°C



Retail Packaging



Salt Water Friendly

AS/NZS 4020:2018

### CORROSION PROOF & POTABLE WATER APPROVED

Manufactured from non-corrosive, UV Stabilised Materials. Potable Water & Marine Approved and Salt Water Friendly.

Female Ball Valves available in sizes 15 to 50mm



Frost Friendly

### FROST FRIENDLY

Hansen Ball Valves are Frost Friendly and have been tested in frost conditions. Results may vary in freezing conditions.