

HANFLO™

Full Flow Ball Valve

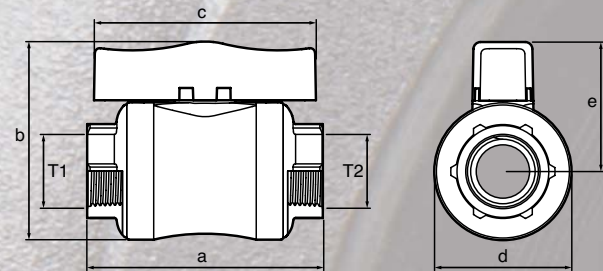


In-Store
Now

www.hanflo.com

Technical Specifications

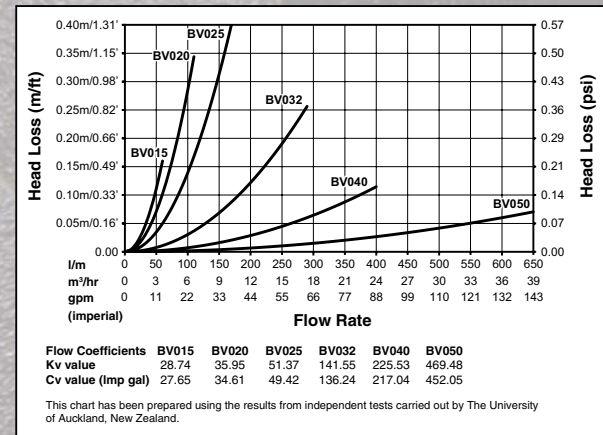
Hanflo Ball Valve Dimensions and Available Sizes



Product Code	T1 NPT (DN*)	T2 NPT (DN*)	a Inches	b Inches	c Inches	d Inches	e Inches
BV015	1/2" (15mm)	1/2" (15mm)	3.86	3.23	3.66	2.20	2.13
BV020	3/4" (20mm)	3/4" (20mm)	3.86	3.23	3.66	2.20	2.13
BV025	1" (25mm)	1" (25mm)	4.37	3.66	4.09	2.56	2.40
BV032	1 1/4" (32mm)	1 1/4" (32mm)	4.80	4.21	4.41	2.99	2.72
BV040	1 1/2" (40mm)	1 1/2" (40mm)	5.31	4.88	4.84	3.54	3.11
BV050	2" (50mm)	2" (50mm)	5.75	5.51	5.16	4.17	3.50

Pressure Rating: 16 Bar/235 PSI @ 20°C (68°F)

Hanflo 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.

Standards & Approvals



Class SGS Marine Certificate
AS/NZS 4020
 Our Ball Valves have met the requirements of AS/NZS 4020:2005 Australia & New Zealand drinking water test standard.

For further technical information including chemical & temperature specifications, please visit our website: www.hanflo.com

Frequently Asked Questions

- Q How tight should I tighten my Hanflo Ball Valves?**
A Do not over tighten. The right way to tighten a Hanflo Ball Valve is finger tight plus one to two turns-no more! For more info on installation tips visit www.hanflo.com
- Q Do I need to support my Hanflo 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.
- Q Can I use Hanflo Ball Valves with metal fittings?**
A Yes. For more info on installation tips visit www.hanflo.com
- Q Can I use Hanflo 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. Hanflo products that are used in this application will not be covered by warranty.
- Q What temperature can I use Hanflo Ball Valves at?**
A Hanflo 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. Hanflo cannot guarantee the products will perform when used with temperatures over 60°C (140°F). Hanflo products that have failed in temperatures higher than 60°C (140°F) will not be covered by warranty.

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Available From:

Best Installed Value

Hanflo knows the importance that valves can play in the performance and control of fluid quantity, flow and pressure within a pipe system. Hansen Products (NZ) Ltd manufactures a range of Full Flow Ball Valves that have been designed for use above or below ground in fluid distribution lines. Hanflo valves are strong, lightweight, compact and provide smooth unrestricted leak free on/off control.

Hanflo Full Flow Ball Valves are available in various combinations including different coloured handles, thread types and connections. The Hanflo Full Flow Ball Valve range will function across a wide range of operating pressures and temperatures.

Hansen Products (NZ) Ltd has over 50 years experience in manufacturing Valves and Fittings, which has seen us build a reputation for providing high performance, easy to use, innovative simple products that provide our customers with Best Installed Value. All Hanflo products carry our Lifetime Warranty.*

Hanflo is a subsidiary of Hansen Products (NZ) Ltd.

*Hanflo will replace any product we manufacture if that product fails due to a manufacturing defect during the life of the product. For more information on our warranty, please visit www.hanflo.com/canada/legal.htm

Features & Benefits

- Versatile Full Flow Ball Valve
- Lightweight and strong
- Manufactured from non corrosive, UV Stabilised materials
- Potable water approved
- Available in BSP, NPT, Acme thread configurations
- Removable Handles for security and varying applications
- Positive "click" smooth open/close action
- High pressure 16 Bar rated



Frost Friendly

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



Hanflo Full Flow Ball Valves are individually hand tested using both Air and Water.



Every Hanflo Ball Valve is Hand Tested



In 2004 we were approached to design and manufacture a range of performance Ball Valves.

The design brief for the valves was simple; the Valves must be easier to install and perform better than those currently available. Hanflo Full Flow Ball Valves have a multitude of features and benefits but the most important feature that was identified in the design brief was; "The Valves must not leak!" R & D Manager Phil Collins say's "We tested a multitude of various new valves when we were brain storming the design for the Hanflo Ball Valve and surprisingly 90% of them leaked!"

It was decided then that we must not only design better performing and easier to install ball valves, but put them through rigorous quality control and testing procedures before they leave the factory.

"You can have confidence when you purchase a Hanflo Full Flow Ball Valve that it has been Hand Tested Twice and has passed our Air and Water tests before it leaves our Factory."