

BALL VALVES

Hansen manufactures a range of Full Flo Ball Valves that have been designed to be used anywhere the flow of fluid needs to be stopped or started. The Hansen Full Flo Ball Valves are strong, lightweight, compact and provide smooth unrestricted leak free on/off control. The entire Ball Valve range is available in BSP, NPT and ACME thread configurations.

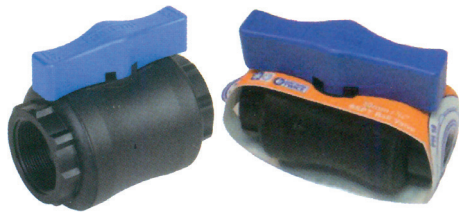


Frost Friendly

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



Check Valves are rigorously hand tested



Max. tolerable pressure: 16 bar • **UV-resistant materials** • **body and handle:** reinforced nylon fiber • **ball:** PP • **seat:** acetal resin (POM) • **int. gaskets:** nitrile rubber.

F/F VALVE			
Code	Ø	Pack.	Box
OHV001	1/2"	1	51
OHV002	3/4"		51
OHV003	1"		32
OHV004	1 1/4"		24
OHV005	1 1/2"		17
OHV006	2"		10



Max. tolerable pressure: 16 bar • **UV-resistant materials** • **body and handle:** reinforced nylon fiber • **ball:** PP • **seat:** acetal resin (POM) • **int. gaskets:** nitrile rubber.

M/F VALVE			
Code	Ø	Pack.	Box
OHV022	1"	1	80
OHV023	1 1/4"		45
OHV024	1 1/2"		35
OHV025	2"		18

F/F CHECK VALVES

Hansen Check Valves are used in-line as a non-return valve to stop fluids from flowing back through your system. The unique design gives you exceptional flow rates, which means you can move more water in less time saving on pumping costs. The screw cap allows for easy access for in-line servicing, there is no Poppet Valve to wear or jam and the Diaphragm and Spring are interchangeable and replaceable with the same size Foot Valve.



Max. tolerable pressure: 10 bar • **Minimum opening pressure:** 0,035 bar • **UV-resistant materials** • **body:** reinforced nylon fiber • **spring:** stainless steel • **diaphragm:** nitrile rubber.

Code	Ø	Pack.	Box
OHV010	1"	1	80
OHV011	1 1/4"		45
OHV012	1 1/2"		35
OHV013	2"		18
OHV014	2 1/2"		8

FEMALE FOOT VALVE

Hansen Foot Valves are used on the end of a suction line to stop fluids in the line emptying when the pump is turned off, thus eliminating the need to prime your pump at start up. The unique design gives you more flow in less time which saves on pumping costs, it has unrestricted Full Flow and has an efficiency in excess of 95% of many other types of Foot Valves. The unique product design incorporates a built in strainer and operates at any angle or position.



Max. tolerable pressure: 16 bar • **UV-resistant materials** • **body:** reinforced nylon fiber • **spring:** stainless steel • **diaphragm:** nitrile rubber.

Code	Ø	Pack.	Box
OHV015	1"	1	160
OHV016	1 1/4"		90
OHV017	1 1/2"		70
OHV018	2"		36
OHV019	2 1/2"		8

Check Valves and foot valves can work with different angles



LIST OF MAXIMUM RESISTANCE TO CHEMICALS

Chemical substances	RESISTANCE LEVEL					
	FULL FLOW BALL VALVE			CHECK AND FOOT VALVE		
	GOOD	OK - BUT CHECK FURTHER	BAD - TRY TO AVOID	GOOD	OK - BUT CHECK FURTHER	BAD - TRY TO AVOID
Acids weak			X			X
Acids strong			X			X
Organic acids weak		X			X	
Organic acids strong			X			X
Bases weak	X			X		
Bases strong			X		X	
Bleach			X			X
Automotive fuel			X	X		
Automotive lubricants			X	X		
Hydraulic fluids			X			X
Solvents			X		X	
Hydrocarbons			X	X		
Halogens			X			X
Alcohols			X			X
Aldehydes			X			X
Amines			X			X
Esters			X			X
Ethers			X			X
Ketones			X			X
Detergents	X			X		
Oxidizing agents			X			X
Weak hydrogen peroxide			X		X	
Phenols			X			X

This chart is intended as a basic guide only. The resistance to a given chemical will vary with temperature and concentrations.

DIMENSIONS

t1 t2 Ø	a mm	b mm	c mm	d mm	e mm
½"	98	82	93	56	54
¾"	98	82	93	56	54
1"	111	93	104	65	61
1¼"	122	107	112	76	69
1½"	135	124	123	90	79
2"	146	140	131	106	89

DIMENSIONS

t1 t2 Ø	a mm	b mm	c mm	d mm
1"	102	69	72	Na
1¼"	122	87	92	Na
1½"	132	99	104	Na
2"	164	123	132	Na
2½"	198	152	Na	178

DIMENSIONS

Ø	a mm	b mm	c mm
1"	69	72	Na
1¼"	87	88	Na
1½"	99	99	Na
2"	123	120	Na
2½"	152	Na	156

