



LEVELLER VALVES

SUPER FLO



Hansen Super-Flo Valves are rigorously hand tested using both Air and Water.

Hansen Super-Flo Piston Valves have been designed with multiple thread and connection combinations. To increase overall durability and versatility, the "Slipper Fit Piston" design reduces sticking and increases efficiencies. Less operating pressure is required reducing pumping costs with increased flows. Mini body design allows for easy installation across a wide range of applications and the ability to operate in clean or dirty water applications.



Working pressure: 0,2 ÷ 12 bar.

Flow rate:

188 l/m at 2 bar - 455 l/m at 12 bar.

UV-resistant materials:

body and plunger: acetal resin;

nut: reinforced nylon fiber;

pin: stainless steel;

seal: thermoplastic elastomer polyurethane;

cable: polyester;

float: HDPE;

thead the float: reinforced nylon fiber;

adapter: reinforced nylon fiber.

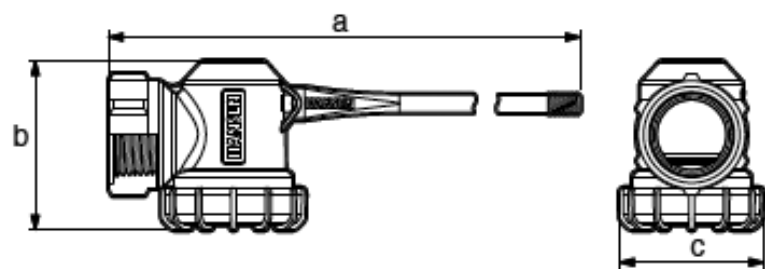
Code	Ø	Material	P.	B.
SGL005	1/2"-3/4" short	Nylon	1	20
SGL015	3/4"-1" - short			
SGL001	3/4"-1"			
SGL008	3/4"-1" - long			
SGL009	1/2"-3/4"	Brass	1	1
SGL010	1/2"-3/4" long			
SGL006	3/4"-1"			
SGL016	1"-3/4" short			

All levellers are accompanied by male threaded adaptors

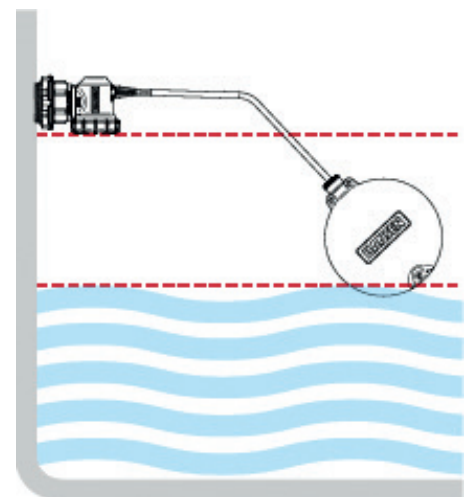
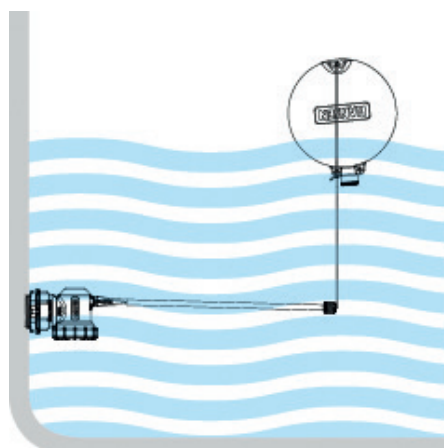
Code	Descr.	Color	Pack.	Box
SGL002	Sphere Ø 140mm threaded for auction	blue	1	18
SGL013		yellow		

DIMENSIONS

a	b	c
mm	mm	mm
376	69	58



INSTALLATION DIAGRAMS



MAX FLO

The Hansen Max-Flo Diaphragm Valve has been designed with multiple thread and connection combinations to increase overall durability and versatility. The Patent pending "Self Cleaning Pilot" ensures the valves are durable and suitable for dirty water applications. Less operating pressure is required, reducing pumping costs and increasing flow. Mini body design allows for easy installation across a wide range of applications and our 30 year time tested performance slow open and close Diaphragm ensures no undue stress is placed on pump lines or pumps.



Code	Ø	Pack.	Box
SGL003	¾"-1"	1	1
SGL011	¾"-1" Long		
SGL014	1"¼ - 1"		
SGL012	1"¼ - 1" Long		

All levellers are accompanied by male threaded adaptors

Working pressure: 0,2 ÷ 12 bar.

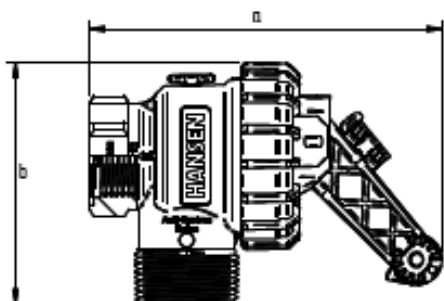
Flow rate:

570 l/m at 2 bar - 1.275 l/m at 12 bar.

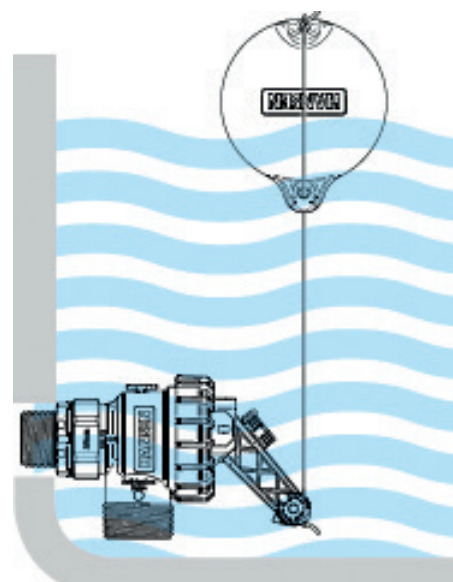
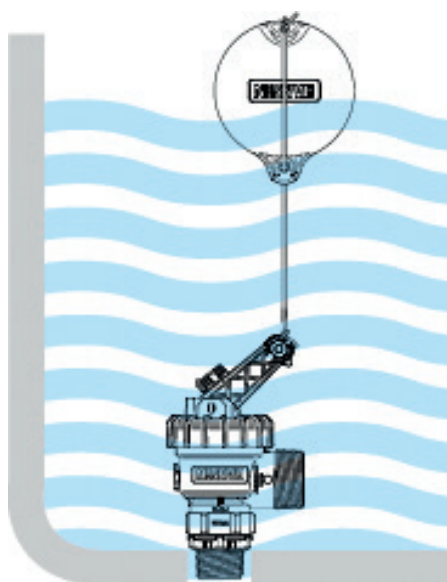
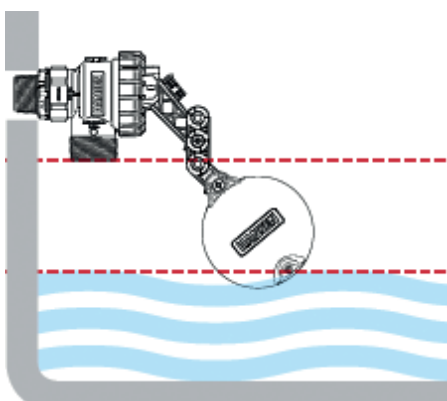
UV-resistant materials: **body diaphragm, arm and nut:** reinforced nylon fiber • **diaphragm:** nitrile rubber • **spring diaphragm and pin:** stainless steel • **cable:** polyester • **float:** HDPE • **hread the float:** reinforced nylon fiber • **adaptor:** reinforced nylon fiber.



DIMENSIONS		
a	b	c
mm	mm	mm
144	98	76

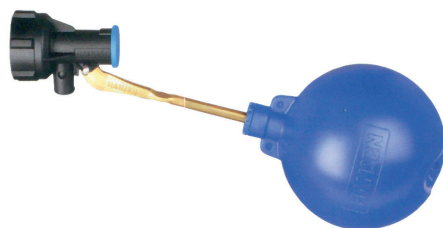


INSTALLATION DIAGRAMS



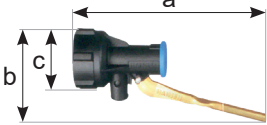


FAST FLO

The Hansen Fastflo valve is ideally suited to tight fitting environments that demand a more compact sized valve with responsive on/off capabilities, exceptional flow rates and adaptability. The Fastflo allows a hose attachment to both diffuse and help eliminate noise from the outlet flow and has a tough, reversible urethane seat which effectively doubles the life of the valve providing a 'best of class' valve that's reliable for the long term.



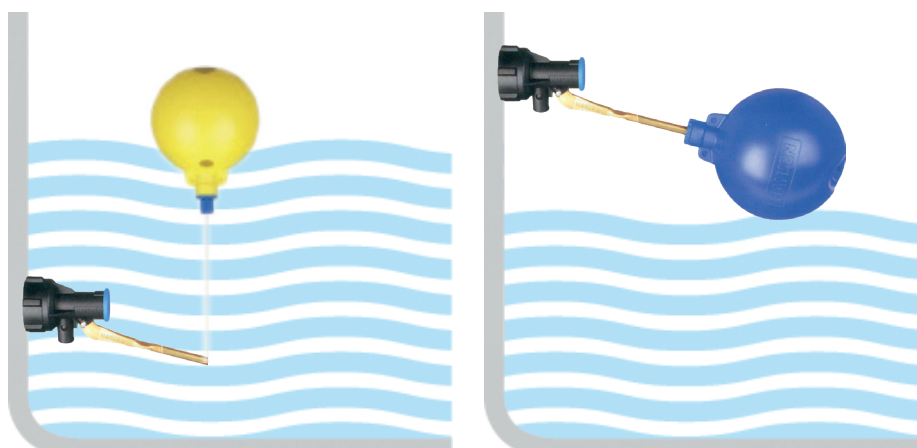
FEATURES & BENEFITS: Working pressure: 0,2÷12 bar • **High performance:** 34 l/m at 2 bar - 56 l/m at 5 bar • Ability to attach a diffuser hose to reduce water turbulence and noise • UV-resistant materials.

Code	Body female Ø	Adapter male-male Ø	Dimension mm		
			a	b	c
					
Short arm valves					
SGL050	1"	1" x 1/2"	166	75	44
SGL051		1" x 3/4"			
SGL052		1" x 1"			
Long arm valves					
SGL053	1"	1" x 1/2"	266	75	44
SGL054		1" x 3/4"			
SGL055		1" x 1"			



Code	Desc.	Color	Pack.	Box
SGL017	Sphere Ø 115mm threaded for auction	blue	1	18

INSTALLATION DIAGRAMS



LEVELLER

The Hansen Leveller Valve has been designed for tank installations where a level differential is required to stop pumps and water systems cycling (continually switching on and off). The new design features a float and weighted ball that enables the user to set the valve to open at the minimum fluid level and close at the maximum fluid level. The Leveller Valve features the Hansen diaphragm configuration with "Self Cleaning Pilot" which has been designed for soft open and close thus reducing water hammer and increasing pump and water systems life expectancy. The Leveller Valve has been designed to operate reliably in high and low pressures (0.2 bar - 12 bar) and in Clean and Dirty fluid conditions.



Code	Ø	Pack.	Box
SGL004	Threated F 1"	1	1

All levellers are accompanied by male threaded adaptors

Working pressure: 0,2 ÷ 12 bar.

Flow rate:

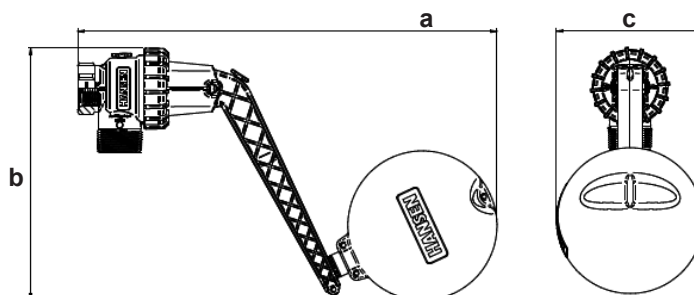
570 l/m at 2 bar - 1.275 l/m at 12 bar.

UV-resistant materials:

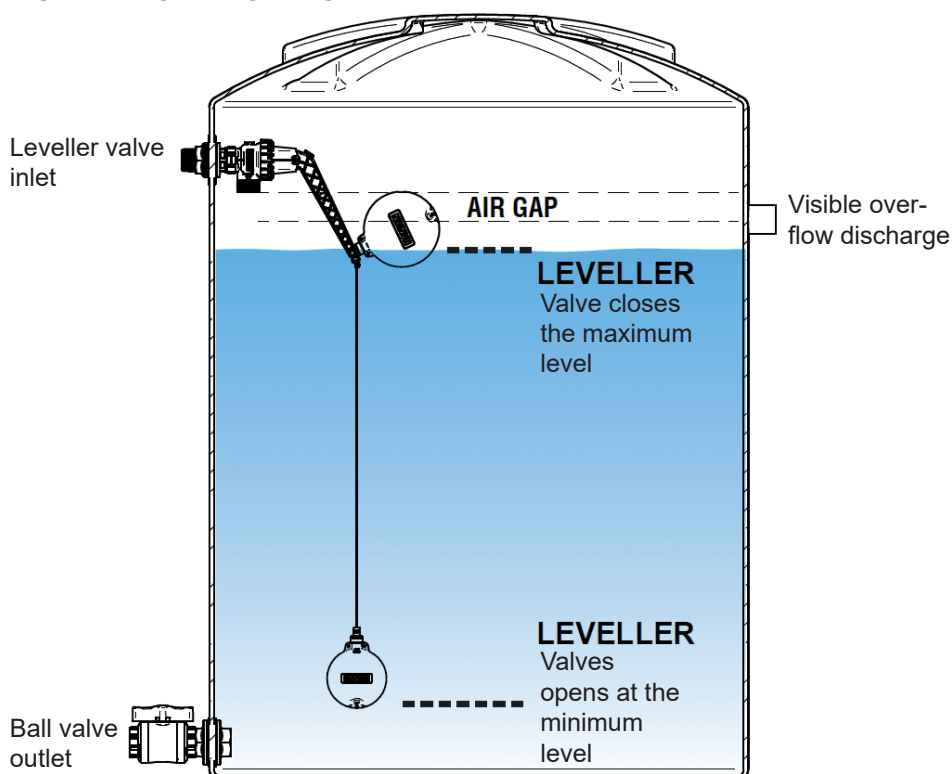
- body diaphragm, arm and nut:** reinforced nylon fiber
- diaphragm:** nitrile rubber
- spring diaphragm and pin:** stainless steel
- cable:** polyester
- float:** HDPE
- hread the float:** reinforced nylon fiber
- adapter:** reinforced nylon fiber.

DIMENSIONS

a mm	b mm	c mm
395	237	140



INSTALLATION DIAGRAMS



MINI FAST-FLO

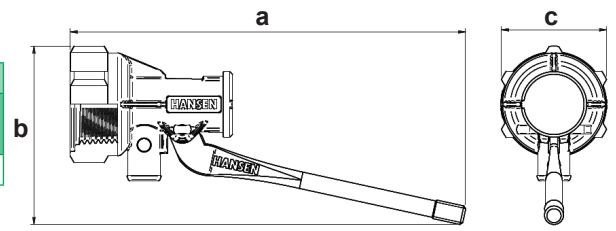
Ideally suited to tight fitting environments such as small bowls, feeders, portable troughs and header tanks that demand a more compact sized valve. With responsive on/off capabilities, the Mini Fast-Flo valve is built to the same quality and precision specifications as the Hansen range of valves that precede it, the barbed outlet allows for a hose attachment to both diffuse and help eliminate noise from the outlet flow. A tough, reversible urethane seat effectively doubles the life of the valve providing a 'best of class' valve that's reliable for the long term.



Code	Ø	Pack.
SGL021	1/2"	1
SGL022	3/4"	
SGL023	1"	

Working pressure: 0 ÷ 12 bar
Flow rate: 9 l/m at 2 bar
UV-resistant materials

DIMENSIONS			
a mm - arm		b	c
short	long	mm	mm
166	266	75	44



Codes of male adaptors for levellers			
Code body standard	Code body long	Ø	Pack.
SGLA001	SGLA007	1" x 1/2"	1
SGLA002	SGLA008	1" x 3/4"	
SGLA003	SGLA009	1" x 1"	
SGLA004	SGLA010	1" x 1 1/4"	
SGLA005		1" x 1 1/2"	
SGLA006		1"x2"	

LIST OF MAXIMUM RESISTANCE TO CHEMICALS			
Chemical substances	RESISTANCE LEVEL		
	GOOD	OK - BUT CHECK FURTHER	BAD - TRY TO AVOID
Acido leggero			X
Acids strong			X
Organic acids weak		X	
Organic acids strong			X
Bases weak	X		
Bases strong			X
Bleach			X
Automotive fuel			X
Automotive lubricants			X
Hydraulic fluids			X
Solvents			X
Hydrocarbons			X
Halogens			X
Alcohols			X
Aldehydes			X
Amines			X
Esters			X
Ethers			X
Ketones			X
Detergents	X		
Oxidizing agents			X
Weak hydrogen peroxide			X
Phenols			X

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