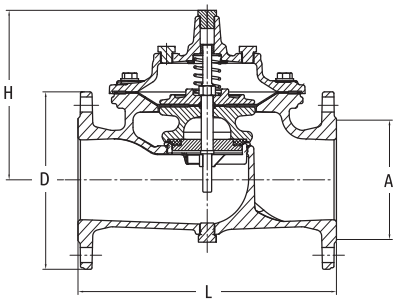
BI-LEVEL FLOAT VALVE

PN16 F6316-FBF
PN25 F6325-FBF

FEATURES & SPECIFICATIONS

- Non-modulating type
- Accurate and repeatable level control
- Stainless steel rod & ball float
- Full bore globe pattern design for superior control characteristic
- Nylon reinforced diaphragm for long-lasting performance
- Durable fusion bonded epoxy coated
- Design comply with EN 1074 -5
- Flange drilled to EN 1092-2 PN16 / EN 1092-2 PN25 / ANSI Class 150 (Specify on order)





PRESSURE & TEMPERATURE RATINGS

Working Pressure	16bar	25bar
Shell Test Pressure (x1.5)	24bar	37.5bar
Seat Test Pressure (x1.1)	17.6bar	27.5bar
Working Temperature	-20°C ... 110°C (EPDM) -10°C ... 80°C (NBR)	
Suitable Media	Water	

MATERIAL SPECIFICATIONS

Part	Material	Specification	Part	Material	Specification
Body	Ductile Iron	EN-JS 1050	Seat Retainer	Stainless Steel 304	EN 10088-3 1.4301
Bonnet	Ductile Iron	EN-JS 1050	Spring	Stainless Steel 304	EN 10088-3 1.4301
Plug	Stainless Steel 304	EN 10088-3 1.4301	Diaphragm	Nylon Reinforced Rubber	EPDM + Nylon Fabric
Stem	Stainless Steel 304	EN 10088-3 1.4301	Seal Ring	Rubber	EPDM
Seat	Stainless Steel 304	EN 10088-3 1.4301	O-Ring	Rubber	NBR

DIMENSIONS

(mm)

DN (mm)	50	65	80	100	125	150	200	250	300	350	400	450	500	600
(inch)	2	2½	3	4	5	6	8	10	12	14	16	18	20	24
L	230	290	310	350	400	480	600	730	850	980	1100	1200	1250	1450
H	165	195	225	230	240	240	430	545	605	550	710	720	825	885
D	165	185	200	220	250	285	340	405	460	520	580	640	715	840
A	99	118	132	156	184	211	266	319	370	429	480	548	609	720

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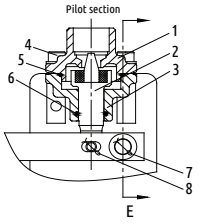
BI-LEVEL FLOAT VALVE

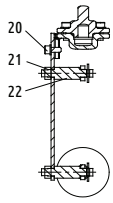
PN16 F6316-FBF
PN25 F6325-FBF

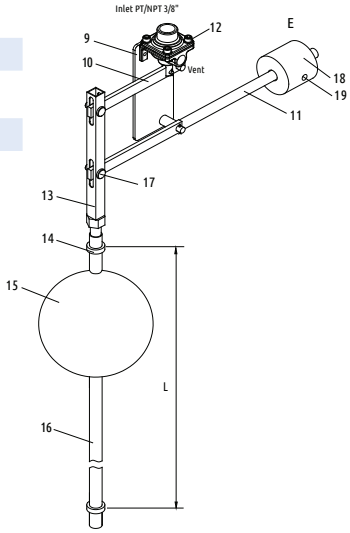
PILOT VALVE SPECIFICATION

No.	Description	Material
1	Bonnet	Stainless Steel 304
2	Disc	Stainless Steel 304 + EPDM
3	Body	Stainless Steel 304
4	Bolt + Washer	Stainless Steel 304
5	O-Ring	NBR
6	O-Ring	NBR
7	Split pin	Stainless Steel 304
8	Split pin	Stainless Steel 304
9	Plate	Stainless Steel 304
10	Bar 1	Stainless Steel 304
11	Bar 2	Stainless Steel 304
12	Screw	Stainless Steel 304
13	Up rod	Stainless Steel 304
14	Stop collar	Stainless Steel 304
15	Float	Stainless Steel 304

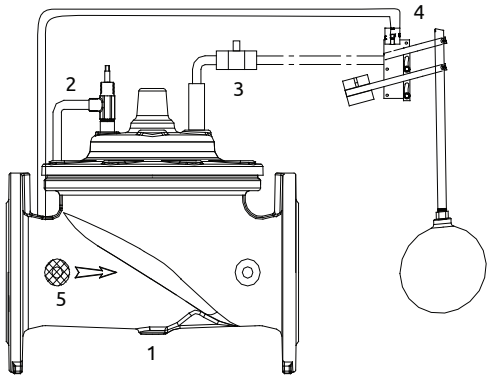
No.	Description	Material
16	Low rod	Stainless Steel 304
17	Pin roll & split pin	Stainless Steel 304
18	Weight	Stainless Steel 304
19	Set screw	Stainless Steel 304
20	Nut + Washer	Stainless Steel 304
21	Nut	Stainless Steel 304
22	Roller	Stainless Steel 304





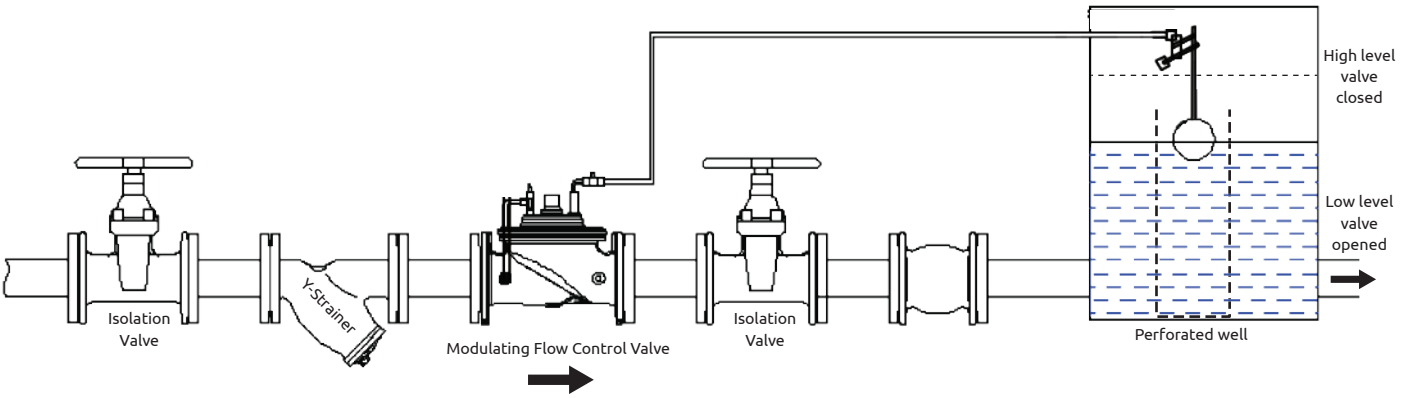


VALVE COMPOSITION



1	Main Valve
2	Needle Valve
3	Ball Valve
4	Bi-Level Float
5	Strainer

TYPICAL CONNECTION



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