

# ART 6100 PN16 ON/OFF with Solenoid



## Modulating Float Control Valve with Solenoid Valve



### Features

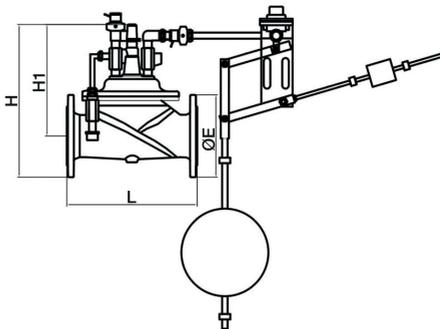
- Automatic Control Valve
- Suitable for potable water applications
- WRAS Approved epoxy coated body
- Flange conforms to BS EN 1092 PN16
- Available flanged PN25
- Stainless Steel pilot tubing, valves, float pilot and brass pilot solenoid valve
- Copper float option
- Normally closed and normally open option

### Technical data

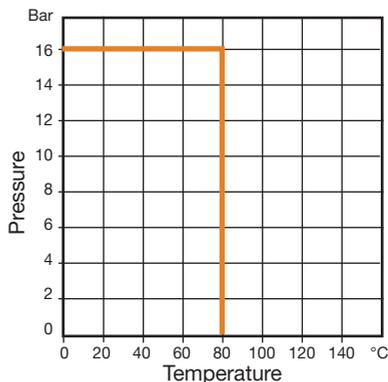
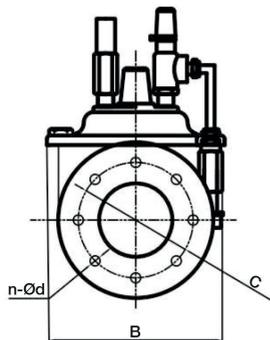
Max pressure: 16 Bar

Minimum differential pressure: 5PSI (0.035MPa)

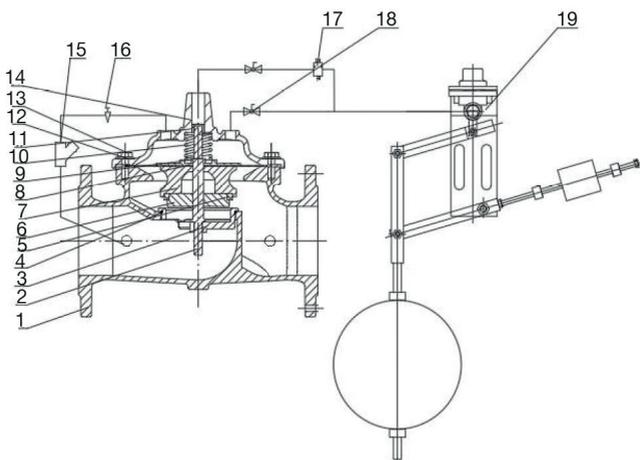
Working temp: 0°C to +80°C



DN	50	65	80	100	125	150	200	250	300
L	230	290	310	350	400	480	600	730	850
E	165	185	200	220	250	285	340	405	460
C	125	145	160	180	210	240	295	355	410
n-Ød	4-19	4-19	8-19	8-19	8-19	8-23	12-23	12-28	12-28
B	164	194	218	252	286	348	476	574	662
H	335	355	370	390	420	455	510	575	630
H1	242	252	270	280	295	313	340	372	400
Kgs	15	19	25	32	67	71	135	317	422



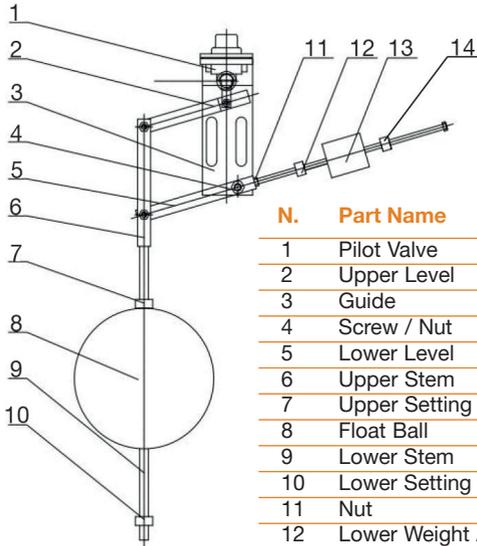
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N.	Part Name	Materials
1	Body	Ductile Iron
2	Stem	Stainless Steel 304
3	Seat	Stainless Steel 304
4	O-Ring	NBR
5	Disc Ring	NBR
6	Disc Retainer	Ductile Iron
7	Disc Guide	Ductile Iron
8	Diaphragm	EPDM
9	Diaphragm Washer	Ductile Iron
10	Spring	Stainless Steel 304
11	Cover Bearing	Stainless Steel 304
12	Screw	Stainless Steel 304
13	Washer	Stainless Steel 304
14	Cover	Ductile Iron
15	Strainer	Stainless Steel 304
16	Needle Valve	Stainless Steel 304
17	Solenoid Valve	Brass
18	Ball Valve	Stainless Steel 304
19	ON-OFF Float Control Valve	Stainless Steel 304

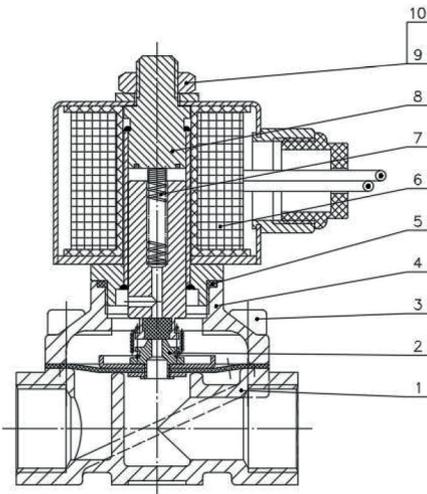
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## Pilot Valve Detail - ART 6175



N.	Part Name	Materials
1	Pilot Valve	Stainless Steel 304 + NBR
2	Upper Level	Stainless Steel 304
3	Guide	Stainless Steel 304
4	Screw / Nut	Stainless Steel 304
5	Lower Level	Stainless Steel 304
6	Upper Stem	Stainless Steel 304
7	Upper Setting Nut	Stainless Steel 304
8	Float Ball	Stainless Steel 304
9	Lower Stem	Stainless Steel 304
10	Lower Setting Nut	Stainless Steel 304
11	Nut	Stainless Steel 304
12	Lower Weight Adjustable Nut	Stainless Steel 304
13	Weight Balance Load	Stainless Steel 304
14	Upper Weight Adjustable Nut	Stainless Steel 304

## Solenoid Pilot Valve - ART 6180 NC / ART 6180 NO



N.	Part Name	Materials
1	Body	Brass
2	Diaphragm Kits	NBR / Stainless Steel 304
3	Bolt	Stainless Steel 304
4	Adaptor	Stainless Steel 304
5	O-Ring	NBR
6	Core	Brass / Nylon
7	Spring	Stainless Steel 304
8	2W Pilot	Brass / NBR
9	Nut	Brass
10	Washer	Brass

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Flow curve of the main valve at fully open status

