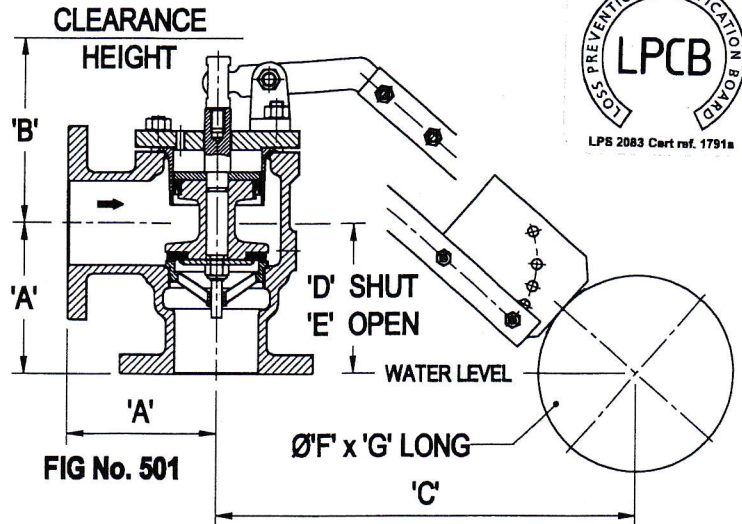
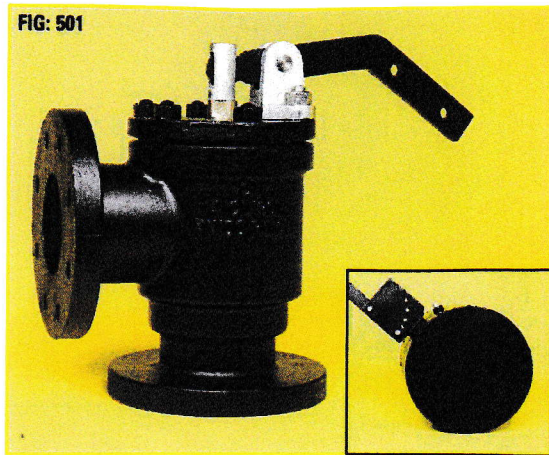


CAST IRON EQUILIBRIUM BALL FLOAT VALVE

LPS 2083 : Issue 1.0 APPROVED / WRAS APPROVED



PRESSURE / TEMPERATURE RATING:

50mm - 300mm Temp. (Max Inlet Water Feed)
10 Bar 23°

FLANGED: BS 10 Table F

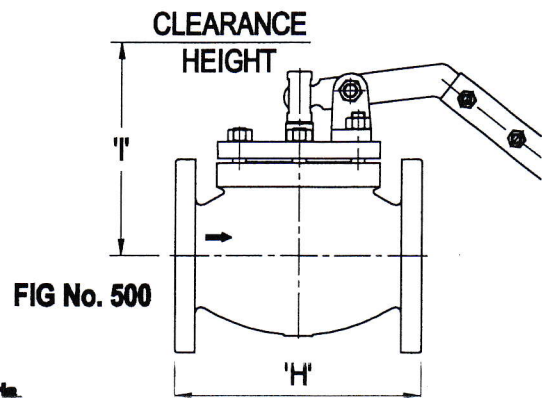
DRILLED:
BS EN 1092-2 PN10, PN16.
BS 10 Tables D, E, F.
ANSI B16.1 Class 125.

CONSTRUCTION:

Bolted cover plate to protect seal and cylinder from the ingress of debris.
Maintenance is simplified by easily replaceable piston seal and steel reinforced renewable rubber disc.
Adjustable float for optimum water level control.
The valves are supplied with line flanges to BST F diameter. Unless otherwise instructed the inlet flange will be drilled to match the flange specified on order. The outlet flange will not be drilled unless ordered.

MATERIALS:

Body / Cover Cast Iron to BS EN 1561 EN GJL 250 (with Rilsan nylon coating)
Seat Ring and Cylinder Gunmetal to BS EN 1982 CC491K
Disc EPDM rubber bonded to steel reinforcing plate
Piston Seal EPDM rubber
Float Tough Rilsan nylon coating heat-fused to steel



APPROVAL:

WRAS Water Regulations Advisory Scheme.
LPCB - Loss Prevention Certification Board

TYPE OF APPLICATION:

Reservoir / water storage tank Infill.

LINE MEDIA:

Water.
Potable water.

Nominal Size (mm)	A	B	C	D	E	F	G	H	I	J	K	L	Wgt. Kg.
50	125	165	1090	436	700	305	203	203	203	6	78	160	22
80	165	190	1100	500	800	305	292	241	248	14.2	187	160	33
100	178	228	1295	610	1040	368	305	292	287	24.7	328	170	62
150	229	280	1467	760	1284	457	368	368	279	55.7	735	200	96
200	248	305	1714	980	1570	508	368	495	445	98.5	1300	220	148
250	311	361	1950	930	1750	508	368	622	445	175	2300	220	270
300	360	483	2250	1060	2170	508	368	698	483	280	3400	220	311

Notes:

Dimension 'D' conforms to WRAS requirements for minimum height above water level type 'AA' air gap.
Due to HIGH LEVER RATIOS, dimension 'D' is subject to a tolerance of +/- 10%.
It is recommended that the flow velocity should not exceed 3m/s (10f/s) giving a maximum flow of: J litres/sec, K gall/min.
A - I in mm. Temperature range 4°C to 44°C.
Reference No : 500 / 501 Issue 2. Date : 22/05/24.