

Glenfield

Water engineers to the world

Series 854/00 (1005) PN 16, Equilibrium Ball Float Valve, 50mm-300mm

Use	
For water and neutral liquids to max. 70°C	

Tests	
Hydraulic tests:	
Seat: 1.1 x PN	Body: 1.5 x PN

Optional Extras	
Drilled Flanged Outlet	Non-Standard Flanges
Specially Ported Guides	Vertical Float Rod Arrangement (ex 1060)
Alternative Trims	Delayed Action Tank Arrangement (ex 1064)

Applicable Standards
Inlet flange faced & drilled to BS EN1092-2:PN16 (Outlet Flange Undrilled.)

Materials of Construction	
Description	Material
Body	Ductile Iron BS EN 1563 EN-GJS-500/7
Cylinder	Ductile Iron BS EN 1563 EN-GJS-500/7
Fulcrum Bracket	Ductile Iron BS EN 1563 EN-GJS-500/7
Valve Centre (150-300mm)	Ductile Iron BS EN 1563 EN-GJS-500/7
Valve Centre (50 - 100mm)	Gunmetal BS EN 1982:1999 CC491K
Seat Ring	Gunmetal BS EN 1982:1999 CC491K
Valve Piston	Gunmetal BS EN 1982:1999 CC491K
Valve Guide	Gunmetal BS EN 1982:1999 CC491K
Split Pins	Copper
Lever	Carbon Steel BS EN 970 220 M07
Links	Stainless Steel
Hinge Pins	Stainless Steel BS EN 10088 Gr 1.4305
Float	Polypropylene
Seals	EPDM WBS Listed
Fasteners	High Tensile Steel
Coating	Internal and external, electrostatically applied blue epoxy to WIS 4-52-01 Class B



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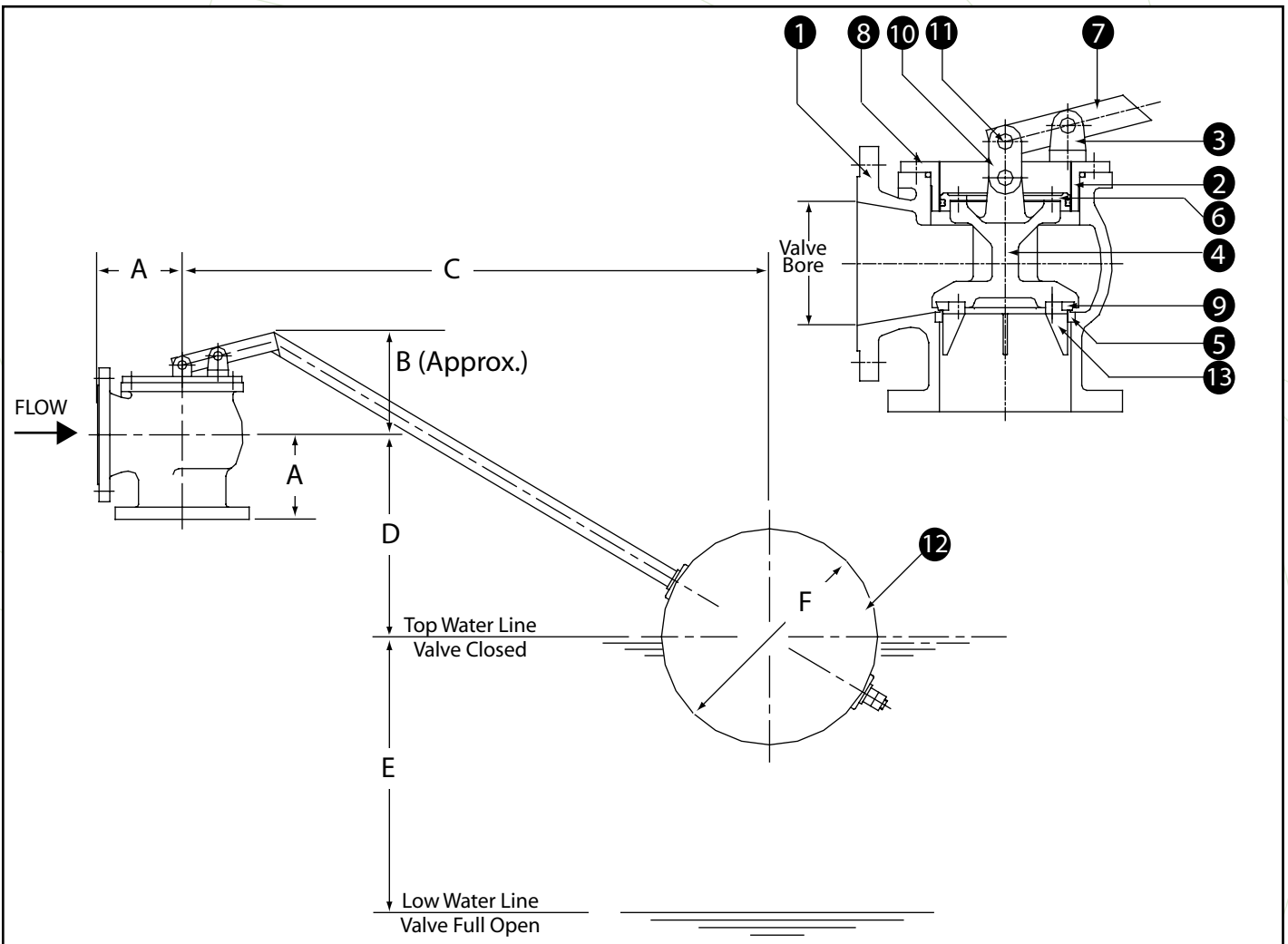


SPECIFICATIONS

Series 854/00 (1005) PN 16, Equilibrium Ball Float Valve, 50mm-300mm

Component List

- | | |
|--------------------|-----------------|
| 1. Body | 8. Fasteners |
| 2. Cylinder | 9. Seals |
| 3. Fulcrum Bracket | 10. Links |
| 4. Valve Centre | 11. Hinge Pins |
| 5. Seat Ring | 12. Float |
| 6. Valve Piston | 13. Valve Guide |
| 7. Lever | |



Dimensions (mm)

Ref Nos.	DN	A	B	C	D	E	F	Approx Weight (kg)	Max. Recommended Discharge (litres/sec)
854-050-001001000	50	110	110	700	260	170	300	16	6
854-080-001001000	80	130	145	850	300	250	410	22	14
854-100-001001000	100	140	160	1000	380	330	410	33	25
854-150-001001000	150	180	210	1250	470	480	460	66	55
854-200-001001000	200	220	270	1500	570	650	460	118	97
854-250-001001000	250	250	330	1800	650	810	540	184	152
854-300-001001000	300	300	380	2200	750	930	540	260	220