



REF OFF	No	COMPONENT	MATERIAL	BRITISH STANDARD No	GRADE
1	1	BODY	DUCTILE IRON	1563	500/7
2	1	CYLINDER(50-100mm)	DUCTILE IRON	1563	500/7
2A	1	CYLINDER(150-300mm)	DUCTILE IRON	1563	500/7
3	1	FLUORUM BRACKET	FLUORUM ALLOY	1982	CC499K
4	1	VALVE CENTRE(150-300mm)	DUCTILE IRON	1563	500/7
5	1	VALVE PISTON(50-100mm)	COPPER	1982	CC499K
6	1	SEAT RING	COPPER	1982	CC499K
7	1	VALVE PISTON(150-300mm)	COPPER	1982	CC499K
8	1	VALVE GUIDE	COPPER	1982	CC499K
9	2	LOCKNUT (LEVER)	BRONZE	10088	1.4301
10	2	BUSH	BRONZE	10088	1.4301
11	1	LOCKNUT(50-100mm)	STAINLESS STEEL	970	A2
12	2	SPLIT PIN (FLUORUM)	COPPER		
13	1	FLUORUM PIN	STAINLESS STEEL	10088	1.4301
14	2	HINGE PIN	STAINLESS STEEL	10088	1.4301
15	1	PISTON BOLT(50-100mm)	STAINLESS STEEL	10088	1.4305
16	2	LINK	HOT DIP GALVANIZED STEEL		
17	1	LEVER	STAINLESS STEEL	10088	1.4401
18	2	WASHER (LEVER)	STAINLESS STEEL	10088	1.4301
19	1	SCREW (2 TO 1)	STAINLESS STEEL	970	A2
20	1	SCREW (3 TO 1)	STAINLESS STEEL	970	A2
21	1	SCREW (7 TO 4)	STAINLESS STEEL	970	A2
22	1	SCREW (8 TO 4)	STAINLESS STEEL	970	A2
23	4	SPLIT PIN	COPPER		
24	1	PISTON RING	EPDM RUBBER	6920	
25	1	VALVE SEAL	EPDM RUBBER	6920	
26	1	O-RING SEAL	EPDM RUBBER	6920	
27	1	GASKET(150-300mm)	NBR	6920	
28	1	BALL FLOAT	STAINLESS STEEL	10088	1.4301

*POLYPROPYLENE AVAILABLE ON REQUEST

VALVE SIZE	A	B	C	D	E	ØF	G	APPROX WEIGHT	USUAL RECOMMENDED PRESSURE
50	110	110	700	260	170	410	150	16KG	6L/SEC
80	130	145	850	300	250	410	170	22KG	14L/SEC
100	140	160	1000	380	330	410	240	33KG	25L/SEC
150	180	210	1250	470	480	460	290	66KG	55L/SEC
200	220	270	1500	570	650	460	350	118KG	97L/SEC
250	250	330	1800	650	810	560	400	184KG	152L/SEC
300	300	380	2200	750	930	560	450	260KG	220L/SEC

MAXIMUM WORKING PRESSURE - 16 BAR
CLOSED ASSEMBLY TEST PRESSURE - 16 BAR

MACHINING SYMBOLS		TOLERANCES ON UNSPECIFIED DIMENSIONS		THIS DRAWING IS ISSUED BY	
RA No. 1	MACHINED SURFACE FINISH	± 0.1mm	± 0.05mm	AVK GLENFIELD	MEMBER OF THE AVK GROUP
RA No. 2	SURFACE FINISH	± 0.2mm	± 0.1mm	AVK GLENFIELD	MEMBER OF THE AVK GROUP
RA No. 3	GRIND SURFACE FINISH AND PROCESS	± 0.3mm	± 0.15mm	AVK GLENFIELD	MEMBER OF THE AVK GROUP
DR/N	DR/N	CAST SECTION THICKNESS VARIATION (MEASURED AT 2 DIAMETRICALLY OPPOSITE POINTS)	± 0.2mm	CAST SECTION THICKNESS VARIATION (MEASURED AT 2 DIAMETRICALLY OPPOSITE POINTS)	± 0.2mm
APP'D	APP'D	PLASTIC AND RUBBER PARTS	± 0.2mm	PLASTIC AND RUBBER PARTS	± 0.2mm

TITLE
50-300MM SERIES 854 FIG.1005 BALL FLOAT VALVES
FOR FRESH WATER DUTY

DATE 01.07.2021
ORIGINAL SCALE N.T.S.

ALWAYS QUOTE LAST CHANGE REFERENCE
DRG. No 8541005GW-2

AVK GLENFIELD
A member of the AVK Group
of the companies

MANUF. CHANGE RECORD	APP'D	DR/N	DR/N	APP'D	DR/N
----------------------	-------	------	------	-------	------