



- NOTE:-
1. ALL DIMENSIONS ARE IN mm. IF NOT SPECIFIED.
 2. HYDRO TEST PRESSURE 15 kg/cm²
 3. END CONNECTION AS PER ASME B 16.5, 150# RF
 4. FILTRATION AREA(P.SHEET) 5 TIMES PIPE INLET AREA.

MATERIAL OF CONSTRUCTION

SR. NO.	DISCRIPTION	MATERIAL		QTY.
		CARBON STEEL	STAINLESS STEEL	
1	SHELL	MS	SS304 SS316	2
2	SHELL FLANGE	MS	SS304 SS316	2
3	COVER FLANGE	MS	SS304 SS316	2
4	IN-OUT NOZZLE	MS	SS304 SS316	4
5	NOZZLE FLANGE	MS	SS304 SS316	4
6	DISHEND	MS	SS304 SS316	2
7	P.SHEET	SS 304 (Ø6mm Holes)	SS304 SS316	2
8	WIRE MESH	SS 304	SS304 SS316	2
9	GASKET 'O' RING	NEOPRENE		2
10	EYE BOLT& NUT	IS 1367	SS304 SS316	--
11	DRAIN	ASTM A 105	SS304 SS316	2
12	VENT	ASTM A 105	SS304 SS316	2
13	HANDLE	MS	SS304 SS316	--
14	LEG	MS	SS304 SS316	2
15	BALL VALVE	WCB	SS304 SS316	2
16	STUD&NUT(VALVE)	IS 1367	IS 1367(ZINCPLATED)	--

SIZE	NB	DIMENSION							ELEMENT		HOLE DIMENSION		
		A	B	C	ØD	E	F	M	ØG	H	I	ØJ	K
1"	25	447	105	255	4"	185	545	214	64	238	570	16	100
1-1/2"	40	531	125	285	6"	265	675	227	105	260	684	16	110
2"	50	581	150	316	6"	265	731	266	105	290	734	16	110
2-1/2"	65	636	160	335	6"	255	750	280	105	295	789	16	110

CLIENT :-		QTY. :-	
PO.NO :-		W..O.NO:-	
SCALE :- NTS	SHEET :-1:1	DRAWING No.	REV.
FILE :-	DATE :- 27/03/2026	AFS-2501-150# - STD	00
TITLE :- DUPLEX BASKET FILTER WITH 3 WAY BALL VALVE ASME 150#		PROJECTION :-	
 ACME FLUID SYSTEMS www.strainersindia.com	PLOT NO-152/2, ROAD NO-5, G.I.D.C. KATHWADA, AHMEDABAD.		
		NAME	DATE
	ACAD BY	GPP	27/03/2026
	CHED BY	GPP	27/03/2026
	APPD BY	APT	27/03/2026