



FOUNDATION DETAIL

- 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	2	
2	SHELL FLANGE	MS	SS304	2	
3	COVER FLANGE	MS	SS304	2	
4	IN-OUT NOZZLE	MS	SS304	4	
5	NOZZLE FLANGE	MS	SS304	4	
6	DISHEND	MS	SS304	2	
7	P.SHEET	SS304	SS304	2	
8	WIRE MESH	SS304	SS304	2	
9	GASKET	NON ASBESTOS		2	
10	STUD&NUT(SHELL)	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	DIMENSION	ELEMENT	HOLE DIMENSION		
			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.	
FILE :-	DATE :- 27/03/2026	AFS-2501-150# - STD	
TITLE :- DUPLEX BASKET FILTER WITH 3 WAY BALL VALVE ASME 150#		REV. 00	
PROJECTION :-			
 ACME FLUID SYSTEMS www.strainersindia.com	NAME	DATE	
	ACAD BY	GPP	27/03/2026
	CHED BY	GPP	27/03/2026
	APPD BY	APT	27/03/2026

PLOT NO-152/2,
ROAD NO-5,
G.I.D.C. KATHWADA,
AHMEDABAD.