



ISOTACTIC BALL VALVE

Material Specification

SR.NO.	PART	MATERIAL	QUANTITY
1	Body	Isotactic PP	1
2	Ball	Isotactic PP	1
3	Side piece / connector	Isotactic PP	2
4	Stem	MS / SS	1
5	Spindle	Isotactic PP Coated	1
6	Seat ring	PTFE	2
7	Connector seal	Neoprene / PTFE	2
8	Stem seal ring	Neoprene / Viton	1
9	Stud, Nut and Washer	MS / SS 316	Req.
10	Nut Cap	PP	Req.
11	Handle	MS PP coated	1
12	Handle hex pin	MS / SS 316	1
13	Handle Cap	PP	1



Drilling Standards

ASA #150
F- Table
Capsule Shape (Universal Drill)

Temperature Limits

Iso PPCP-Isotactic Polypropylene
Co-Polymer-800 C

Features

High temperature and chemical resistance material.
Low operating torque.
UV stabilized material to avoid cracks against sunlight.

Pressure Rating

BODY	15NB TO 65NB	10 KG/CM2 (140 PSI)
-----	80NB TO 150NB	8 KG/CM2 (115 PSI)
SEAT	15NB TO 150NB	10 KG/CM2 (140 PSI)

Dimensions

Size		D	DI	T	L	L1	H	PCD					
								BS 10 table 'f'			Asa # 150		
								PCD	Dia of Hole	No.of Hole	PCD	Dia of Hole	No.of Hole
15NB	½"	93	15	17	133	84	69	67	14	4	60	14	4
20NB	¾"	98	21	17	143	84	75	73	14	4	70	14	4
25NB	1"	115	23	18	157	145	84	87	14	4	79	14	4
40NB	1½"	142	38	19	171	175	102	105	15	4	98	15	4
50NB	2"	162	49	20	202	205	128	127	17	4	120	17	4
65NB	2½"	181	65	22	227	205	135	145	17	4	140	17	4
80NB	3"	205	74	27	265	291	160	165	17	8	152	17	4
100NB	4"	230	95	28	297	291	173	191	17	8	191	17	8
150NB	6"	300	150	34	430	455	220	260	18	12	241	18	8