



BILL OF MATERIAL			
SR NO.	DESCRIPTION	QTY	MATERIAL
1	BODY	01	PPH
2	END PIECE	02	PPH
3	SPINDLE	01	EN-8 INSERTED PPH LINED
4	HANDLE	01	MS POWDER COATED WITH FLEXIBLE PVC SLEEVE
5	BALL	01	PPH
6	FLANGE SEAL	02	VITON
7	SPINDLE SEAL	02	VITON
8	SEAT	02	PTFE
9	FASTENERS	-	SS 304
10	SPINDLE BOLT	01	SS 304
11	SPINDLE BUSH	01	PTFE

SIZE (NB)	DIMENSION TABLE												
	Ø1	Ø2	L	L1	ØD1	H	T	ØK	n	Ø	Ø	QTY	
1/2"	41	40.00	43	103.2	43	103.2	45	102.0	42	101.6	11.0	10.00	14
3/4"	49	48.00	51	129.5	51	129.5	53	127.0	50	127.0	14.0	13.00	14
1"	59	58.00	62	158.8	62	158.8	65	155.0	62	155.0	17.0	16.00	14
1 1/4"	69	68.00	72	182.9	72	182.9	75	178.0	72	178.0	19.0	18.00	14
2"	81	80.00	84	212.7	84	212.7	87	207.0	84	207.0	22.0	21.00	14
3"	95	94.00	98	248.3	98	248.3	101	242.0	98	242.0	26.0	25.00	14
4"	110	109.00	113	286.5	113	286.5	116	280.0	113	280.0	30.0	29.00	14
5"	127	126.00	130	328.1	130	328.1	133	321.0	130	321.0	34.0	33.00	14
6"	146	145.00	149	373.4	149	373.4	152	366.0	149	366.0	38.0	37.00	14

NOTE: (1) 1/2" VALVE WITH FLANGE DRILLING OF 1/4" VALVE.

TESTING TABLE			
HYDRO-TEST PRESSURE			
MEDIUM-WATER			
SIZE:- UP TO 3"	SIZE:-FOR 4"	SIZE:-FOR 5"	SIZE:-FOR 6"
BODY :- 214 PSI	BODY :- 142 PSI	BODY :- 100 PSI	BODY :- 72 PSI
SEAT :- 142 PSI	SEAT :- 142 PSI	SEAT :- 100 PSI	SEAT :- 72 PSI

CUSTOMER:- SANGIR PLASTICS PVT. LTD.
 CONSULTANT:- ----
 PO NO.:- SFG/15-16/0148
 DTD:- 04.01.2016

GENERAL NOTES
 ALL DIMENSIONS ARE IN MM & INCH UNLESS OTHERWISE SPECIFIED.
 FLANGE CONNECTION:- AS PER ANSI B.16.5 #150 FF
 PRESSURE RATING :- PN. 10
 TESTING STANDARD:- ISO 9333-2

REV.	DATE	REV.	DET.
III			
II			
I			
0			



UNP Polyalves (India) Pvt. Ltd.
 Leading Indian Manufacturer of Lined & Plastic Valves & Piping System.
 VADODARA

DRAWING NO.	BY	CHK.	APRD	DATE
UNP/PBV1/PPH/0H-06	PCK	KSL	ANS	27.04.2017
TITLE:- PPH BALL VALVE FLANGED END (GENERAL ASSEMBLY)				