

# Fig No: HPV-43FS

## MATERIALS LIST

NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr.CF8M
4	BALL	ASTM A351 Gr.CF8M
5	STEM	SS316
9	END CAP	ASTM A351 Gr.CF8M
11	BODY SEAL	DELTRIN/GRAPHITE
11-1	BODY SEAL	PTFE.
12	SEAT	PEEK
13	THRUST WASHER	DELTRIN/PEEK
14	STEM PACKING	PTFE.+25%CARBON
15	GLAND	SS304
15-1	GLAND WASHER	TFM1600
19	HANDLE	SS304
21	HANDLE COVER	VINYL GRIP
24	HANDLE NUT	SS304
28	STOP PLATE	SS304
29	BELLEVILLE WASHER	SUS304-CSP
30	LOCK WAHER	SS304
31	O-RING	VITON
33	STOP PIN	SS304
35	BODY BOLT	SS304 / SCM 440
35-1	BOLT	SS304
36	BOLT WASHER	SS304 / S45C
37	BOLT NUT	A2 70 / S45C
37-1	NUT	A2 70
50	HANDLE ADAPTER	ASTM A351 Gr.CF8
50-1	STEM ADAPTER	SS304 / ANSI 1025

## DIMENSIONS

unit:inch

SIZE	PORT	L	E	H	H1	H2	C	ØG	ØJ	ØI	T	F	M	ØN	M1	ØN1	ØK	Z1	
DN15	1/2"	0.63	9.30	7.20	3.46	0.58	0.41	0.35	5.25	3.50	1.37	1.19	0.28	8	5/16-18UNC	4	0.88	1.65	M5
DN20	3/4"	0.79	9.61	7.20	3.62	0.47	0.39	0.35	5.50	3.75	1.69	1.25	0.28	8	5/16-18UNC	4	0.88	1.65	M5
DN25	1"	0.98	10.24	7.20	3.82	0.88	0.45	0.43	6.25	4.25	2.00	1.38	0.28	8	5/16-18UNC	4	1.00	1.65	M5
DN32	1-1/4"	1.26	11.39	11.22	6.42	1.31	0.69	0.55	7.25	5.13	2.50	1.50	0.28	8	3/8-16UNC	4	1.13	1.97	M6
DN40	1-1/2"	1.50	12.87	11.22	6.57	1.10	0.69	0.55	8.00	5.75	2.87	1.75	0.28	8	1/2-13UNC	4	1.25	1.97	M6
DN50	2"	1.97	17.76	11.22	6.89	0.78	0.69	0.55	9.25	6.75	3.63	2.00	0.28	8	9/16-12UNC	8	1.13	1.97	M6

CODE	S-001		APPROVED BY	CHECK BY	DRAWN BY	DRAWING NO.	MATERIAL	UNIT	DESCRIPTION
	INDUSTRIAL CORPORATION	DATE	12/03/2012	12/03/2012	12/03/2012	HPV-43FS-S001	MATERIALS LIST	inch	THREE PIECES BALL VALVE, FLANGED END, FULL BORE, ANSI CLASS 2500
						REVISION	01	SCALE	

