



One Piece Hexagon Type Ball Valves, ISO 5211 Direct Mounted, Reduce Bore, 800 psi

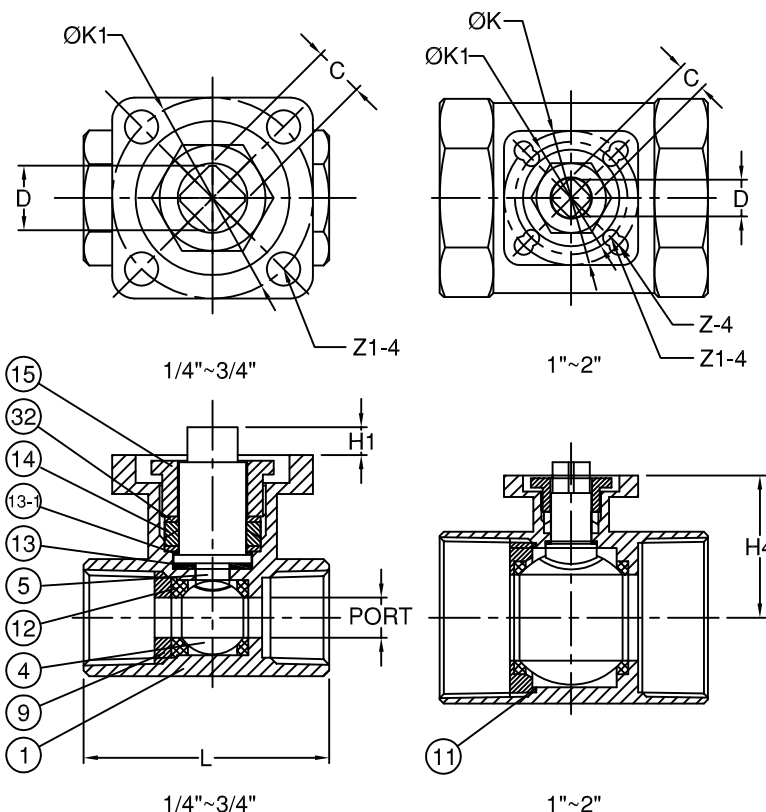
Fig No: V-83HP Reduced Bore
1/2" ~ 2" DN8 ~ DN50



MATERIALS LIST

NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr.CF8M
4	BALL	ASTM A351 Gr.CF8M / SS316
5	STEM	SS316
9	INSERT CAP	ASTM A351 Gr.CF8M
11	BODY SEAL	PTFE.
12	SEAT	PTFE.
13	THRUST WASHER	PTFE.
13-1	THRUST WASHER	TFM1600
14	STEM PACKING	PTFE.
15	GLAND	SS304
32	PACKING FOLLOWER	SS304

NOTE : BALL - SS316 (1/4"~1/2")
BALL - CF8M (3/4"~2")
BODY SEAL (1-1/4"~2")



Features :

ISO 5211 Direct-Mounting Of Actuators OF Valves Design
One Piece Body , Economy Design
Investment Cast Components
Blow-Out-Proof Stem Design
Bottom Entry Stem
For Food , General Chemical and Industrial Application.
Carbon Steel or Special Alloy Upon Request

Standard Compliance :

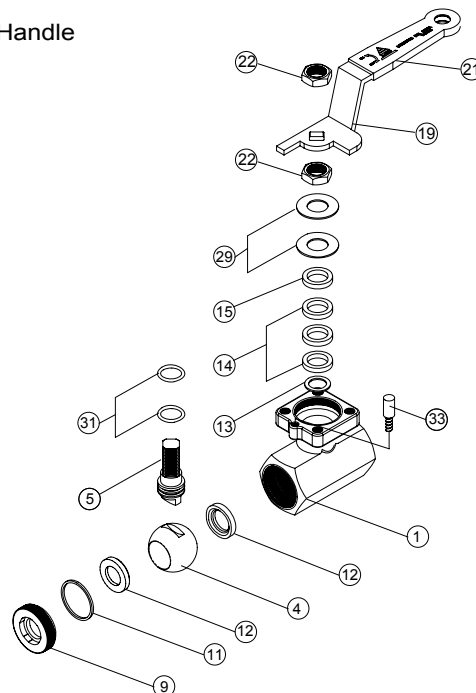
ASTM ASME B16.34 API 598 EN 10213 EN 12516 EN 12266
ANSI B 1.20.1(NPT) BS21(BSPP) BS21(BSPT) ISO 228-1
DIN 2999

Specifications:

End Connection : Threaded End
Working Pressure : 800 psi / 40 Bar (CWP)
Temperature : -20 to 180°C / -4 to 356°F
Pressure test According to API 598 or EN 12266

Options :

Locking Device Handle



DIMENSIONS

unit:mm

SIZE	PORT	L	H1	H4	C	ØK	ØK1	Z	Z1	D
DN8	1/4"	4.9	42.0	5.0	27.4	9.0	42.0	6.0	11.0	
DN10	3/8"	6.9	46.0	5.0	29.1	9.0	42.0	6.0	11.0	
DN15	1/2"	9.2	56.5	5.0	30.4	9.0	42.0	6.0	11.0	
DN20	3/4"	12.5	61.0	5.0	33.0	9.0	42.0	6.0	11.0	
DN25	1"	15.0	74.0	5.0	34.0	9.0	50.0	7.0	6.0	11.0
DN32	1-1/4"	20.0	80.0	5.0	37.8	9.0	50.0	7.0	6.0	11.0
DN40	1-1/2"	25.0	85.0	5.0	47.0	11.0	50.0	7.0	6.0	14.0
DN50	2"	32.0	104.5	5.0	53.0	11.0	50.0	7.0	6.0	14.0

DIMENSIONS

unit:inch

SIZE	PORT	L	H1	H4	C	ØK	ØK1	Z	Z1	D
DN8	1/4"	0.19	1.65	0.20	1.08	0.35	1.65	0.24	0.43	
DN10	3/8"	0.27	1.81	0.20	1.15	0.35	1.65	0.24	0.43	
DN15	1/2"	0.36	2.22	0.20	1.20	0.35	1.65	0.24	0.43	
DN20	3/4"	0.49	2.40	0.20	1.30	0.35	1.65	0.24	0.43	
DN25	1"	0.59	2.91	0.20	1.34	0.35	1.97	0.28	0.24	0.43
DN32	1-1/4"	0.79	3.15	0.20	1.49	0.35	1.97	0.28	0.24	0.43
DN40	1-1/2"	0.98	3.35	0.20	1.85	0.43	1.97	0.28	0.24	0.55
DN50	2"	1.26	4.11	0.20	2.09	0.43	1.97	0.28	0.24	0.55