

V-3W_{TYPE}

SIZE: 1/4"~2"



3000WOG / 2000WOG

STAINLESS STEEL

AISI-316

(EN10213 1.4408)(ASTM-A351-CF8M)

AISI-304

(EN10213 1.4308)(ASTM-A351-CF8)

CARBON STEEL

S-20C

(EN10213 1.0619)(ASTM-A216-WCB)

FEATURES:

- Reduced port
- Pipe thread in accordance with ANSI B2.1, BS21 1973, DIN 259/2999, ISO 228
- Blow-out proof stem
- Investment casting body and cap
- Encapsulated body
- 1/4"~1": 3000 WOG(200 BAR)
1-1/4"~2": 2000 WOG(130 BAR)
- Mounting pad ISO 5211

OPTION:

- Locking device

V-3WMH_{TYPE}

SIZE: 1/4"~2"



**DIRECT MOUNTING PAD
3000WOG & 2000WOG**

STAINLESS STEEL

AISI-316

(EN10213 1.4408)(ASTM-A351-CF8M)

AISI-304

(EN10213 1.4308)(ASTM-A351-CF8)

CARBON STEEL

S-20C

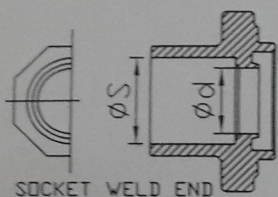
(EN10213 1.0619)(ASTM-A216-WCB)

FEATURES:

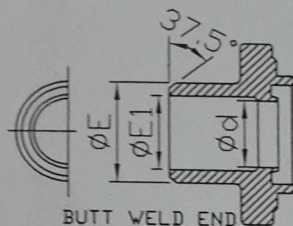
- Full port
- Pipe thread in accordance with ANSI B2.1, BS21 1973, DIN 259/2999, ISO 228
- Blow-out proof stem
- Investment casting body and cap
- 2000 WOG(130 BAR) or 3000 WOG(200 BAR)
- Encapsulated body
- Direct mounting pad ISO 5211

OPTION:

- Locking device
- Reduced Port
- Without handle
- DIN standard M3 length
- Fire-Safe design



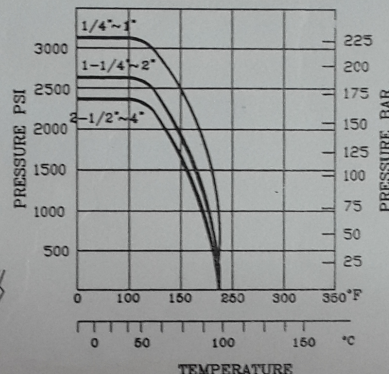
SOCKET WELD END



BUTT WELD END

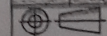
DIM SIZE	Ød	L SD SW BW	L2	H1	H2	H3	H4	ISO-5211				ØE	ØE1	ØS	ØP	ØC	T	Pcd ØC	F	X	TORQUE kgf-cm	KGS
								ØPcd	ØQ	R1	R2											
1/4"	11	60	22.7	10	34	between 20~30 mm	58	F03/ø36	9.0	Ø6.0	---	18	12	14.1	37.5	6.5	M6	40	28.2	112	48	0.52
3/8"	12.7	60	22.7	10	34		58	F03/ø36	9.0	Ø6.0	---	18	14	17.6	37.5	6.5	M6	40	28.2	112	48	0.5
1/2"	16	65	24	12	38		62	F03/ø36 F04/ø42	9.0	R3	R3	22	17.1	21.7	41.5	6.5	M6	44	31.1	112	48	0.63
3/4"	20	75	28	12	43		66	F03/ø36 F04/ø42	11	R3	R3	27.5	22.5	27.1	41.5	8.4	M8	53.4	37.8	125	74	0.97
1"	25	85	34	12	50		75	F04/ø42 F05/ø50	11	R3	R3.5	33.5	28	33.8	50.4	8.4	M8	65	46	138	137	1.34
1-1/4"	32	100	44	12	55		80	F04/ø42 F05/ø50	11	R3	R3.5	44	33.5	44	50.4	10.6	M10	77	54.4	138	200	2.25
1-1/2"	38	110	53	16	65		95	F05/ø50 F07/ø70	14	R3.5	R4.5	50	43	50	66.5	10.6	M10	93	65.8	170	270	3.63
2"	50	130	65	16	75		104	F05/ø50 F07/ø70	14	R3.5	R4.5	61.5	53	61.5	66.5	10.6	M10	122	86.3	170	350	5.97
2-1/2"	65	170	74.6	36	103		153	F07/ø70 F10/ø102	17	R5.5	R4.5	76	69	76.9	90	10.6	M12	140	---	325	---	---
3"	80	190	87	36	113		163	F07/ø70 F10/ø102	17	R5.5	R4.5	92	82	89.8	90	10.6	M12	160	---	325	---	---
4"	100	220	112.5	36	150		185	F10/ø102 F12/ø125	22	R5.5	R6.5	115	106	115.4	113	16.6	5/8"	210	---	350	---	---

PRESSURE-TEMPERATURE
RATING 1/4" ~ 2"



ITEM	PARTS	QTY	MATERIALS		
			V3WMH-316	V3WMH-304	V3WMH-WCB
1	BODY	1	ASTM-A351-CF8M	ASTM-A351-CF8	ASTM-A216-WCB
2	END CAP	2	ASTM-A351-CF8M	ASTM-A351-CF8	ASTM-A216-WCB
3	JOINT GASKET	2	15% R-PTFE	15% R-PTFE	15% R-PTFE
4	SOLID BALL	1	ASTM-A351-CF8M	ASTM-A351-CF8M	ASTM-A351-CF8M
5	BALL SEAT	2	POM	POM	POM
6	STEM	1	AISI 316	AISI 316	AISI 316
7	THRUST WASHER	1	PTFE	PTFE	PTFE
8	O-RING	1	VITON	VITON	VITON
9	STEM PACKING	2	PTFE	PTFE	PTFE
10	STEM RING	1	AISI 304	AISI 304	AISI 304
11	BELLEVILLE WASHER	2	AISI 301	AISI 301	AISI 301
12	STEM NUT	1	AISI 304	AISI 304	AISI 304
13	SADDLE WASHER	1	AISI 304	AISI 304	AISI 304
14	HEX BOLT	8	AISI 304	AISI 304	AISI 304
15	STOP PIN	1	AISI 304	AISI 304	AISI 304
16	HANDLE	1	AISI 304	AISI 304	AISI 304
17	SPRING WASHER	1	AISI 304	AISI 304	AISI 304
18	HANDLE NUT	1	AISI 304	AISI 304	AISI 304
19	LOCKING DEVICE	1	AISI 304	AISI 304	AISI 304
20	PLASTIC COVER	1	P.V.C	P.V.C	P.V.C
21	SQUARE WASHER	1	AISI 304	AISI 304	AISI 304

Rev. A



valteo

Checked	Morris	Date	2009/11/30	Type	V3W-316-BSPT
Designer	Kevin	Scale	Fit	Dwg_No.	V3W-316-BSPT-XXX
Drawn	Aaron	Describe	3-PIECE MOUNTING PAD FULL PORT BALL VALVE		

