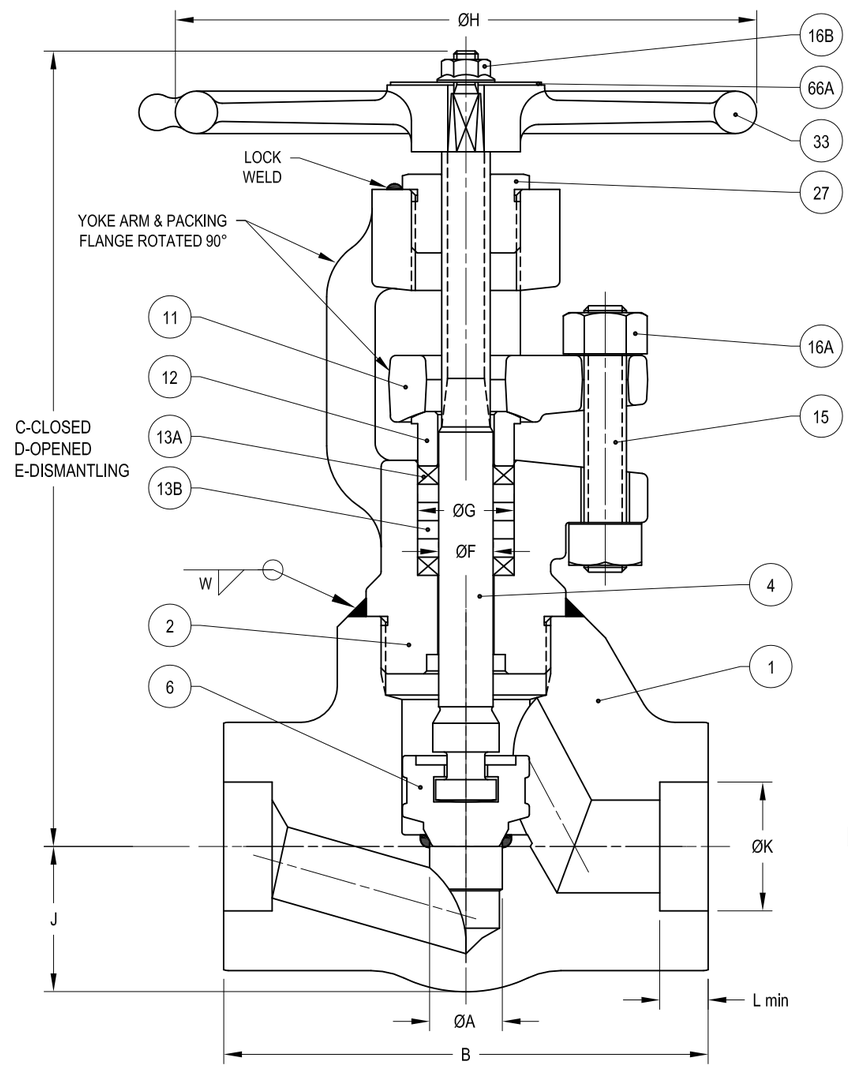
NPS	REF NO.	ØA	B±.06	C	D	E	ØF	ØG	ØH	J	K +.020 -.000	L	W	Cv	WEIGHT lb max
1/2	3330-158	0.50	3.50	6.8	7.3	11	.53	.88	6	1.1	0.855	0.38	.16	3	7.5
3/4	3330-158	0.50	3.50	6.8	7.3	11	.53	.88	6	1.1	1.065	0.50	.16	4	7.5
1	3340-104	0.75	5.00	8.3	8.9	13	.56	1.00	6	1.5	1.330	0.50	.25	6	15
1 1/4	3360-124	1.25	5.25	10.1	10.8	14	.75	1.25	8	1.7	1.675	0.50	.28	14	23
1 1/2	3360-124	1.25	5.25	10.1	10.8	14	.75	1.25	8	1.7	1.915	0.50	.28	14	23
2	3370-118	1.50	10.00	12.8	14.0	17	.81	1.25	12	2.6	2.406	0.63	.38	33	57

DN	REF NO.	ØA	B±2	C	D	E	ØF	ØG	ØH	J	K +0,50 -,0	L	W	Kv	WEIGHT kg max
15	3330-158	13	89	173	185	279	13	22	152	28	21.72	10	4.1	2.6	3.4
20	3330-158	13	89	173	185	279	13	22	152	28	27.05	13	4.1	3.4	3.4
25	3340-104	19	127	211	226	330	14	25	152	38	33.78	13	6.4	5.1	6.8
32	3360-124	32	133	257	274	356	19	32	203	43	42.55	13	7.1	12.0	10.5
40	3360-124	32	133	257	274	356	19	32	203	43	48.64	13	7.1	12.0	10.5
50	3370-118	38	254	325	356	432	21	32	305	66	61.11	16	9.7	28.3	25.9

MATERIAL LIST

PART	DESCRIPTION	QTY	MATERIAL	MATL SPEC	REMARKS
1	BODY	1	F22 & CoCr	ASTM A182	
2	BONNET	1	F22	ASTM A182	
4	STEM	1	410	ASTM A479	HARDENED
6	DISC	1	CoCr	AMS 5387	
11	PACKING FLANGE	1	CS	ASTM A105	
12	GLAND BUSHING	1	416	ASTM A582	
13A	PACKING RING	2	BRAIDED GRAPHITE		NO TEFLON
13B	PACKING RING	4	DIE-FORMED FLEXIBLE GRAPHITE		
15	STUD	2	GR B6	ASTM A193	
16A	NUT	4	GR 2H	ASTM A194	
16B	NUT	1	CS CD PLD		COMMERCIAL
27	YOKE BUSHING	1	AL BRZ C64200	ASTM B150	HR50 or 416, A582
33	HANDWHEEL	1	MALL IRON	ASTM A47	OR DUCTILE IRON, A536
66A	NAME PLATE	1	ALUM / 302-304	COML / ASTM A240	OR A167
66B	TAG PLATE	1	302-304	ASTM A240	OR A167

NOTE: 1. VALVE DESIGNED IN ACCORDANCE WITH ASME B16.34



FLOW

ARROW ON BODY

66B TAG PLATE
ATTACHED WITH SS WIRE

"DISCLAIMER"

DUE TO THE POSSIBILITY OF DESIGN MODIFICATIONS THIS DRAWING IS TO BE USED AS A GUIDELINE ONLY. VELAN WILL NOT ACCEPT ANY LIABILITY FOR MISMATCH BETWEEN THIS DRAWING AND THE PRODUCT SUPPLIED.

REV	REVISION DESCRIPTION	DRAWN	APVD	IR CERT
E	UPDATED TO LATEST MATERIAL AND DESIGN STANDARDS.	N CARRIERO 2013-06-14	L. NITTI 2013-06-17	M. BOUCHARD 2013-06-18

YYYY-MM-DD

CUST NAME

CUST ORDER NO

PROJECT:

VELAN

WELDED BONNET GLOBE VALVE

SOCKET WELD CONNECTION

VELAN REF SEE TABLE | SCALE NTS | NPS (DN) 1/2 - 2" (DN 15 - 50) | CLASS (PN) 1500 (PN 250)

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DWG NUMBER **1W-3074W-06TS-01**

REV E

SHT 1 OF 1