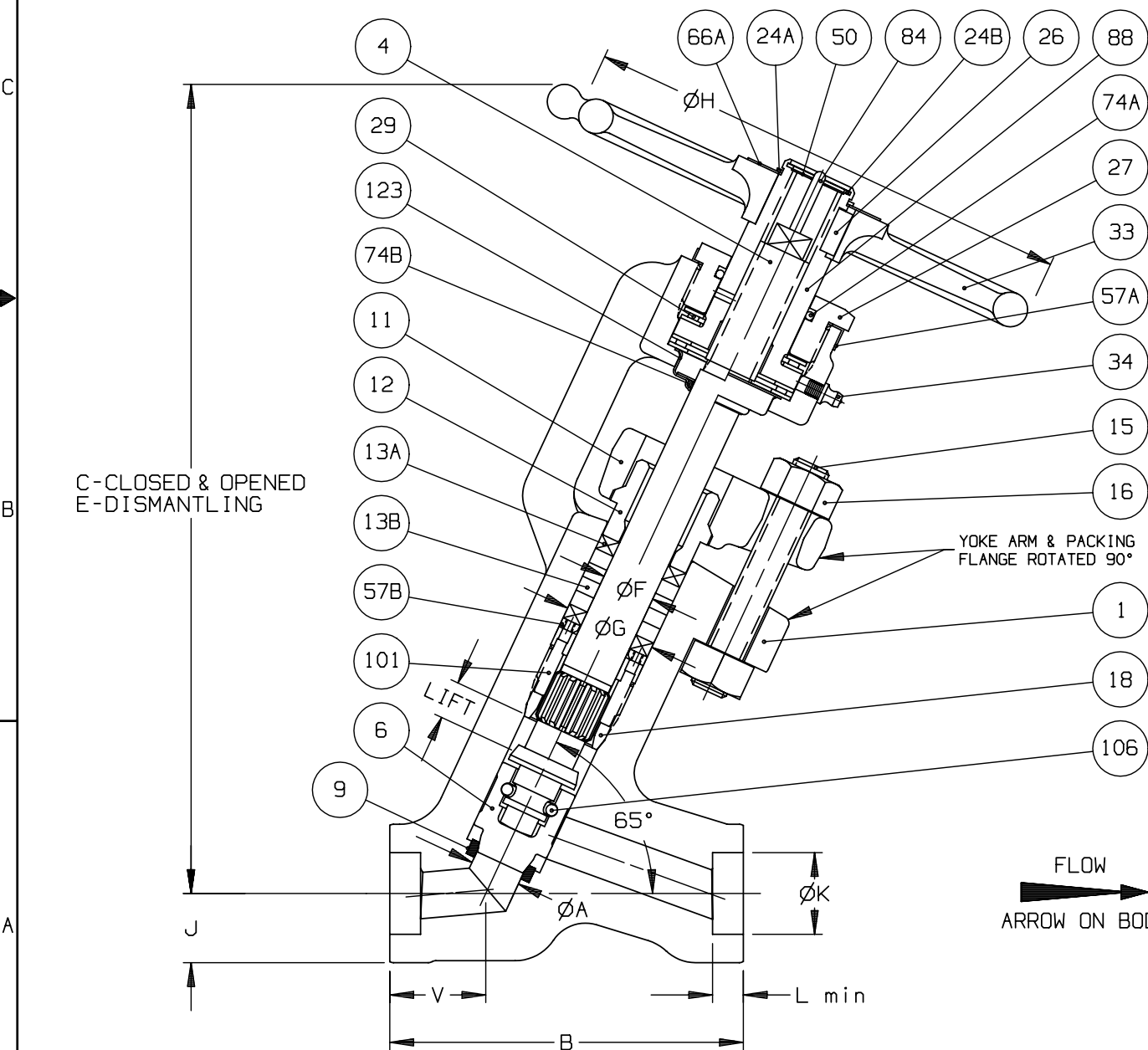



4															
NPS	A	B±.06	C	E	F	G	H	J	K <sup>+.020</sup> <sub>-.000</sub>	L	LIFT	R	V	Cv	lb <sub>max</sub>
1/4	.56	4.88	9.6	18	.50	1.14	6	.9	.555	.38	.69	3	1.6	3	15
3/8	.56	4.88	9.6	18	.50	1.14	6	.9	.690	.38	.69	3	1.6	3	15
1/2	.56	4.88	9.6	18	.50	1.14	6	.9	.855	.38	.69	3	1.6	3	15
3/4	.56	4.88	9.6	18	.50	1.14	6	.9	1.065	.50	.69	3	1.6	5	15
1	.84	5.75	13.2	25	.88	1.51	8	1.1	1.330	.50	.63	4	1.6	10	33
1 1/4	1.13	7.25	16.6	30	1.00	1.89	12	1.6	1.675	.50	.88	4	2.3	20	67
1 1/2	1.13	7.25	16.6	30	1.00	1.89	12	1.6	1.915	.50	.88	4	2.3	20	67
2	1.69	10.13	19.9	38	1.25	2.27	12	1.9	2.406	.63	1.31	3	3.6	60	110

DN	A	B±2	C	E	F	G	H	J	K <sup>+0.50</sup> <sub>-0</sub>	L	LIFT	R	V	Kv	kg <sub>max</sub>
8	14	124	244	457	13	29	152	23	14.10	10	18	3	40.6	2.6	6.8
10	14	124	244	457	13	29	152	23	17.53	10	18	3	40.6	2.6	6.8
15	14	124	244	457	13	29	152	23	21.72	10	18	3	40.6	2.6	6.8
20	14	124	244	457	13	29	152	23	27.05	13	18	3	40.6	4.3	6.8
25	21	146	335	635	22	38	203	28	33.78	13	16	4	40.6	8.6	15.0
32	29	184	422	762	25	48	305	41	42.55	13	22	4	58.4	17.0	30.4
40	29	184	422	762	25	48	305	41	48.64	13	22	4	58.4	17.0	30.4
50	43	257	505	966	32	58	305	48	61.11	16	33	3	91.4	51.4	49.9



2															
1															
MATERIAL LIST															
PART	DESCRIPTION	QTY	MATL TYPE	MATL SPEC	REMARKS										
1	BODY	1	F22	ASTM A182											
4	STEM	1	410	ASTM A479	HARDENED										
6	DISC	1	STELLITE 6	AMS 5387											
9	SEAT	1	STELLITE 6	AMS 5387											
11	PACKING FLANGE	1	CS	ASTM A105											
12	SPLIT GLAND	2	SS410L-20	STEEL POWDER	OR CA15, A217										
13A	PACKING RING	2	BRAIDED GRAPHITE		NO TEFLON										
13B	PACKING RING	R	DIE-FORMED FLEXIBLE GRAPHITE												
15	STUD	2	GR B6	ASTM A193											
16	NUT	4	GR 2H	ASTM A194											
18	BACKSEAT	1	STELLITE 6	AMS 5387											
24A	RETAINING RING	1	STEEL		COMMERCIAL										
24B	RETAINING RING	1	STEEL		COMMERCIAL										
26	KEY	1	303	ASTM A582											
27	YOKE BUSHING	1	CS		COMMERCIAL										
29	BEARING	2	STEEL		COMMERCIAL										
33	HANDWHEEL	1	MALL IRON	ASTM A47											
34	GREASE FITTING	1	STEEL		ZINC PLD OR AL										
50	COVER	1	SS		COMMERCIAL										
57A	WASHER	1	CS		COML or ZINC PLD										
57B	PACKING WASHER	1	304	ASTM A479											
66A	NAME PLATE	1	302-304	ASTM A240	OR A167										
66B	TAG PLATE	1	302-304	ASTM A240	OR A167										
74A	O RING	1	BUNA N		COMMERCIAL										
74B	O RING	1	BUNA N		COMMERCIAL										
84	INDICATOR	1	316	ASTM A479											
88	YOKE NUT	1	D-2C	ASTM A439											
101	SPLINE BUSHING	1	SS	AMS 5355C											
106	HOLDER	1	316	ASTM A479	OR 303, A581; ANNEALED										
123	GREASE RETAINER	1	CS PRESSED		COMMERCIAL										

NOTES: 1. VALVE DESIGNED IN ACCORDANCE WITH ASME B16.34  
2. END-TO-END DIMENSIONS TO VELAN STANDARD

REV		DESCRIPTION		DATE	DWN	APVD	IR CERT
VELAN ORDER NO:							
CUSTOMER:				ORDER NO:			
PROJECT:							
				DRAWN: NC 22 NOV 10			
				APVD: RK 22 NOV 10			
NPS 1/4 - 2				DN 8 - 50		IND REV CERTIFIED: MB 22 NOV 10	
BONNETLESS INCLINED						DWG NO:	
GLOBE VALVE						1W-8076Z-06TS-01	
SOCKET WELD CONNECTIONS						SHEET 1 OF 1	
CLASS 1690 LTD						REV: J	