



ITEM	DESCRIPTION	# REQ'D	MATERIAL
R-1	HEX. HEAD BOLT	1	ZINC PLATED STEEL
R-2	FLAT WASHER	1	ZINC PLATED STEEL
R-3	OPERATING NUT	1	CAST IRON ASTM A-126 CLASS B
R-3	HANDWHEEL	1	CAST IRON ASTM A-126 CLASS B
R-4	STUFFING BOX BOLTS	2	18-8 STAINLESS STEEL
R-5	HEX. NUTS	2	18-8 STAINLESS STEEL
R-6	STUFFING BOX	1	CAST IRON ASTM A-126 CLASS B
R-7	"O" RING (STEM)	3	BUNA-N
R-8	"O"-RING (ST. BOX)	1	BUNA-N
R-9	THRUST WASHER	1	2" & 2.5" DELRIN
		2	3" - 12"
R-10	STEM	1	BRONZE ASTM B-584 C86700 or NDZ BRONZE ASTM B763 C99500 or 304 STAINLESS STEEL
R-11	HEX. HEAD BOLTS		18-8 STAINLESS STEEL
R-12	HEX. NUTS		18-8 STAINLESS STEEL
R-13	COVER	1	CAST IRON ASTM A-126 CLASS B
R-14	STEM NUT	1	BRONZE ASTM B-763 C99500
R-15	"O"-RING (COVER)	1	BUNA-N
R-16	WEDGE DISC	1	DUCTILE IRON ASTM A536 70-50-5
			EPDM RESILIENT MOLDED WEDGE
R-17	BODY	1	CAST IRON ASTM A-126 CLASS B
R-18	(OPTIONAL) POST ADAPTOR PLATE	1	CAST IRON ASTM A-126 CLASS B

COATING: EPOXY (HEAT FUSED)
 TO MEET APPLICATION & PERFORMANCE REQUIREMENTS AWWA C550 TO HAVE BEEN TESTED & ACCEPTED BY UL/FM

BOLTS (Standard) GRADE 2 TO MEET ASTM A307



Nominal Size	Clear Dia H In's	No. of Turns to Open	Valve Dimensions				MECHANICAL JOINT FLANGES-ANSI A21.11					
			A In's	C In's	E In's	GØ In's	DØ In's	PØ Min-Clear In's	No of Slots eo End	Size of Bolts FØ In's	No. of Bolts F#	Weight lb
2	2.00"	4.75	8.25"	2.50"	---	---	4.50"	2.60"	-	5/8"	2	???
3	3.15"	10	8.50"	2.50"	---	---	7.75"	4.03"	-	5/8"	2	???
4	4.25"	13	9.50"	2.50"	14.75"	10.00"	9.12"	4.86"	2	3/4"	4	85lb
6	6.25"	19	10.00"	2.50"	19.00"	12.00"	11.37"	6.96"	2	3/4"	6	128lb
8	8.25"	25	10.50"	2.50"	22.50"	14.00"	13.75"	9.11"	2	3/4"	6	200lb
10	10.25"	31	12.00"	2.50"	26.5"	18.00"	15.75"	11.10"	4	3/4"	8	309lb
12	12.25"	37	13.00"	2.62"	30.00"	18.00"	18.00"	13.26"	4	3/4"	8	471lb

MJ ENDS per ANSI AWWA C110/A21.10
 MJ GLANDS (if furnished) per ANSI/AWWA C153/A21.53

NO.	Date	ECN	REVISION
5	01/08	BMC/487	Was 316SS, Now 304SS
4	6/00	-	Removed 2.5 & 3" sizes, clarified dims and pressure ratings
3	1/99	-	Epoxy Replaces TGIC Polyester
2	1/95	-	Drawing Updated to Show 3'd O-Ring Below Collar
1	nn/yy	ECN	description

AWWA
 MEETS AWWA C509 (2" MECHANICAL JOINT NOT COVERED BY AWWA)
 250 PSIG-COLD WATER NON SHOCK

FOR DIMENSIONS OF OTHER END CONFIGURATIONS SEE KENNEDY VALVE CATALOG

FIG 8571 MECHANICAL JOINT SHOWN WITH STD. O-RING STUFFING BOX
 FIG 8071 WITH OPTIONAL INDICATOR POST PLATE

* HALF SCALE OF A 6" VALVE SHOWN

KENNEDY VALVE
 ELMIRA, N.Y. 14901
 2" THRU 12" KS-FW MECHANICAL JOINT-NRS ASSEMBLY

FILE PATH **DRAFT-GATE**
 Drawn by: SJH
 ISSUED 2/92

DWG NO. **81108MJ**
 Revision 05