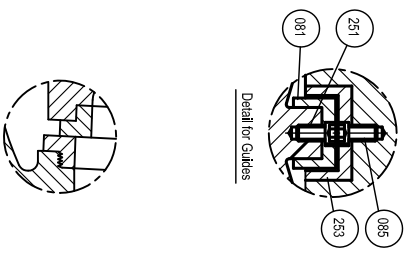


Remark - End flanges mechanical joint conform to ANSI/AWWA C111/A2.11
 - Dimensions in inches

SIZE ØD In.	L	ØD	ØC	Ød1	Øh	n	h1	n1	T	A	H	H ₁	H ₂	H ₃	ØW	By Pass size
30	26	36.12	36.88	32.17	1 7/8	10	1 7/8	10	1.81	45.28	78.81	26.77	28.98	35.24	19.75	4
36	32	46.00	43.75	38.47	1 7/8	10	1 7/8	14	2.00	53.94	94.00	29.53	37.13	39.76	24.50	6
42	32	53.12	50.62	44.67	1 7/8	28	1 3/8	12	2.00	60.39	106.57	35.43	43.89	42.00	24.50	6
48	36	60.00	57.50	50.97	1 3/8	32	1 3/8	18	2.00	68.43	116.24	39.37	48.62	39.76	24.50	8

Marking
 Size (inch)
 ARD
 300 PSI
 AWA C500
 D1
 200



NO.	PARTS	MATERIAL	ASTM DESIGNATION	QTY
432	Packing Box Bolt	Zinc Coated Steel	A 307 Grade B	1 set
360	O-Ring	Rubber (Buna N)	D 2000 BK 707	1
345	Packing	Radial Packing Synthetic Yarn With PTFE		1
320	Bonnet Gasket	Non Asbestos Sheet		1
253	Disc Gasket	Bronze	B 62	2
251	Disc Guide Bolt	Zinc Coated Steel	A 307 Grade B	1 set
186	Stem Bolt & Nut	Zinc Coated Steel	A 307 Grade B	1 set
181	Top Nut	Zinc Coated Steel	A 307 Grade B	1
178	Guard Bolt & Nut	Zinc Coated Steel	A 307 Grade B	2
175	Bonnet Stud & Nut	Zinc Coated Steel	A 307 Grade B	1 set
168	Stem	Stainless Steel	A 276 Type 304	1
085	Disc Guide Bolt	Zinc Coated Steel	A 307 Grade B	1 set
082	Bonnet Guide	Bronze	B 62	2
081	Body Guide	Bronze	B 62	2
071	Stem Nut	Bronze	B 62	1
069	Stem Bushing	Bronze	B 62	1
067	Packing Box Bushing	Bronze	B 62	1
066	Bonnet Bushing	Bronze	B 62	1
062	Disc Seal Ring	Bronze	B 62	2
061	Body Seal Ring	Bronze	B 62	2
049	Gear Operator			1 set
012	Stand	Cast Iron	A 126 Class B	1
010	Handwheel / Op Nut	Cast Iron	A 126 Class B	1
005	Gland	Ductile Iron	A 536 Grade 65-45-12	1
004	Packing Box	Ductile Iron	A 536 Grade 65-45-12	1
003	Disc	Ductile Iron	A 536 Grade 65-45-12	1
002	Bonnet	Ductile Iron	A 536 Grade 65-45-12	1
001	Body	Ductile Iron	A 536 Grade 65-45-12	1

TEST PRESSURE	PSI
HYDRO SHELL	550 PSI
HYDRO VALVE SEAT	300 PSI
HYDRO BACK SEAT	300 PSI
WORKING PRESSURE	300 PSI

AMERICAN RD
 A DIVISION OF MEYANE INC.
 1800 GREENBRIER DEAR ROAD, ANNISTON, AL 36207
 PHONE (256)831-2236 - FAX (256)831-2884

TITLE:
 30"-48" SOLID WEDGE GATE VALVE - NRS - MJ END -
 SPUR GEAR-SIDE BYPASS-SERIES 100
 TYP: SINGV
 SCALE: NONE
 DWG. NO: 100-30-48-MJ-SSSP
 DATE: 5/22/11