



Marking
 SIZE (INCH)
 ABD
 200 PSI
 AMVA C500
 DI

SIZE Ød In.	L	ANSI B16.1 CL.125					A	H	H1	H2	H3	L1	ØM	n1	ØW	By pass size
		ØD	ØC	Øh	n	T										
14	15	21	18 3/4	1 1/8	12	1 3/8	22.75	38.58	14.63	12.69	-	14.58	1xØv (UNC)	12	15.75	-
16	16	23 1/2	21 1/4	1 1/8	16	1 7/16	26	44	16.64	14.38	25.79	14.58	1xØv (UNC)	14	17.75	3
18	17	25	22 3/4	1 1/4	16	1 9/16	29.29	47.33	18.71	15.59	27.88	14.58	1 1/8 xTV (UNC)	14	17.75	3
20	18	27 1/2	25	1 1/4	20	1 11/16	32.52	51.38	20.79	17.56	27.88	14.58	1 1/8 xTV (UNC)	18	17.75	3
24	20	32	29 1/2	1 3/8	20	1 7/8	36.54	60.24	22.05	24.73	32.63	17.32	1 1/4 xTV (UNC)	18	19.69	4

-Dimensions in inches-

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	Braided Packing Synthetic Yarn With PTFE		1 set
320	Bonnet Gasket	Non Asbestos Sheet		1
253	Disc Guide	Bronze	B 62	1
261	Body Guide Bolt	Stainless Steel	Type 304	1 set
178	Grand Bolt & Nut	Zinc Coated Steel	A 307 Grade B	2
174	Bonnet Bolt & Nut	Zinc Coated Steel	A 307 Grade B	1 set
089	Stem	Stainless Steel	A 276 Type 304	1
085	Disc Guide Bolt	Zinc Coated Steel	A 307 Grade B	1 set
084	Roller	Bronze	B 62	2
083	Roller Box	Bronze	B 62	1
082	Bonnet Guide	Bronze	B 62	2
081	Body Guide	Bronze	B 62	2
071	Stem Nut	Bronze	B 62	1
069	Grand Bushing	Bronze	B 62	1
067	Packing Box Bushing	Bronze	B 62	1
066	Bonnet Bushing	Bronze	B 62	1
062	Disc Seat Ring	Bronze	B 62	2
061	Body Seat Ring	Bronze	B 62	2
049	Gear Operator	See Table		1 set
010	Handwheel / Op Nut	Cast Iron	A 126 Class B	1
005	Grand	Ductile Iron	A 536 G-65-45-12	1
004	Packing Box	Ductile Iron	A 536 G-65-45-12	1
003	Disc	Ductile Iron	A 536 G-65-45-12	1
002	Bonnet	Ductile Iron	A 536 G-65-45-12	1
001	Body	Ductile Iron	A 536 G-65-45-12	1

NO.	MATERIAL LIST	TEST PRESSURE
NO. HYDRO SHELL	550 PSI	
HYDRO VALVE SEAT	300 PSI	
HYDRO BACK SEAT	- PSI	
WORKING PRESSURE	300 PSI	

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

TITLE:
14"-24" SOLID WEDGE GATE VALVE - NRS - FLANGED END - BEVEL GEAR-BOTTOM BYPASS-SERIES 100

TRF: SINGV
 SCALE: NONE
 DWG. NO: 100-14-24-FL-BG88P
 DATE: 4/20/11