



SIZE ϕd	WEIGHT OF VALVE (lbs)	NO. TURNS OPEN/CLOSE	L	ϕD	ϕC	ϕh	n	T	a	A	ϕS at base of thread	n_1	n_2	H	H_1	H_2	H_3	ϕM	ϕW
2	42.00	-	7.00	6.50	5.00	0.75	8.00	0.88	0.28	5.75	0.750	4.00	4.00	13.00	3.25	4.25	1.69	9/16-12 UNC	7.13
3	78.00	10.00	8.00	8.25	6.63	0.88	8.00	1.13	0.35	7.75	0.866	4.00	4.00	15.38	4.13	4.94	3.06	5/8-11 UNC	7.13
4	110.00	13.00	9.00	10.00	7.88	0.88	8.00	1.25	0.43	8.81	0.874	4.00	4.00	16.25	5.00	5.69	3.63	5/8-11 UNC	10.00
6	220.00	19.00	10.50	12.50	10.63	0.88	12.00	1.44	0.47	11.06	1.034	6.00	6.00	20.19	6.25	7.50	5.44	5/8-11 UNC	12.38
8	363.00	25.00	11.50	15.00	13.00	1.00	12.00	1.63	0.51	14.06	1.034	6.00	6.00	23.69	7.50	9.06	7.25	3/4-10 UNC	14.00
10	558.00	31.00	13.00	17.50	15.25	1.13	16.00	1.88	0.62	16.50	1.158	8.00	8.00	27.44	8.75	10.94	8.69	7/8-9 UNC	16.00
12	752.00	37.00	14.00	20.50	17.750	1.25	16.00	2.00	0.70	18.88	1.192	8.00	8.00	30.94	10.25	11.81	11.06	1-8 UNC	16.00

AMERICAN R/D
ANNISTON, ALABAMA
A DIVISION OF MCWANE INC.

DWN: JMK
DATE: 10/06/06
DWG. NO.
D100-2~12-HW

2" - 12" - CLASS 250 DRILLING
NRS SOLID WEDGE GATE VALVE
AWWA C500 - FL END W/ HANDWHEEL
GENERAL DIMS. - MODEL D100