



SIZE ϕd	WEIGHT OF VALVE (lbs)	NO. TURNS OPEN/CLOSE	L	L ₁	L ₂	ϕD	ϕC	ϕh	n	T
16	1271.00	159.00	20.75	10.25	10.50	23.50	21.25	1.13	16.00	1.44
18	1688.00	174.00	25.25	11.00	14.25	25.00	22.75	1.25	16.00	1.56
20	2329.00	195.00	24.25	11.38	12.88	27.50	25.00	1.25	20.00	1.69
24	3544.00	308.00	27.69	13.44	14.25	32.00	29.50	1.38	20.00	1.88

SIZE ϕd	ϕS	ϕD_1	ϕC_1	ϕd_1	ϕh_1	n ₁	T ₁	H ₁	H ₂	H ₃	H	A	BY-PASS SIZE
16	1.55	23.00	21.00	18.63	0.88	12.00	1.38	16.50	16.81	26.81	46.25	26.13	3.00
18	1.55	24.75	23.25	20.75	0.88	12.00	1.44	20.00	14.50	27.44	47.88	28.56	3.00
20	1.83	27.00	25.50	22.88	0.88	14.00	1.50	21.88	17.25	29.38	52.25	32.13	3.00
24	2.03	31.63	30.00	27.06	0.88	16.00	1.63	23.50	22.25	32.81	59.50	37.63	4.00

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

DWN: JMK
DATE: 10/06/06
DWG. NO.
525-16~24-BGBBP-0N

16" - 24" NRS ROTATING DISC
GATE VALVE - AWWA C500
MJ x FL END W/ BEVEL GEAR
GENERAL DIMS. - MODEL 525