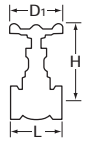


Bronze & Brass Valves



Design	TOYO Standard									MSS SP-80			
Type	Gate Valves												
Class	125												
Fig.	275A/272			206A			272A			280A			
Size	L	H	D ₁	L	H	D ₁	L	H	D ₁	L	H	D ₁	
8 (mm)	1/4"			42	75	48							
10	3/8"	43	76	48	42	75	48	38	74	48	43	87	48
15	1/2"	43	76	48	45	81	48	42	74	48	49	93	55
20	3/4"	48	85	55	50	90	55	47	87	55	53	111	63
25	1"	53	97	63	57	106	63	50	98	63	61	127	70
32	1 1/4"	60	117	70	61	119	70	60	119	70	64	145	80
40	1 1/2"	63	128	70	67	135	80	63	126	80	68	170	90
50	2"	71	151	80	74	159	90	72	154	90	74	189	100
65	2 1/2"	87	180	90	90	201	110	82	187	100			
80	3"	96	211	100	100	223	125	92	204	110			
100	4"				140	302	160						
Material	Body	Bronze			Bronze			Brass			Bronze		
	Stem	DZR Brass			DZR Brass			DZR Brass			Bronze		
	Disc	Bronze			Bronze			Brass			Bronze		
Service conditions	1.37MPa (200psi) WOG non-shock 0.86MPa (125psi) Saturated steam												
Remarks				Lead-washed surface treatment available upon request			BS/JIS taper threads only						

Design	MSS SP-80												
Type	Gate Valves												
Class	150			150			125			150			
Fig.	204A			204A			208			209			
Size	L	H	D ₁	L	H	D ₁	L	H	D ₁	L	H	D ₁	
8 (mm)	1/4"												
10	3/8"	43	87	48									
15	1/2"	48	96	55	49	98	55	51	129	55	51	137	55
20	3/4"	53	112	63	53	115	70	56	156	63	56	157	63
25	1"	62	123	70	61	127	70	66	181	70	66	180	70
32	1 1/4"	69	141	80	68	145	80	68	216	80	68	216	80
40	1 1/2"	75	164	90	74	176	90	74	257	90	74	257	90
50	2"	86	197	100	84	201	100	84	296	100	84	296	100
65	2 1/2"	105	224	110									
80	3"	116	261	125									
100	4"												
Material	Body	Bronze			Bronze			Bronze			Bronze		
	Stem	DZR Brass			Bronze			Bronze			Bronze		
	Disc	Bronze			Bronze			Bronze			Bronze		
Service conditions	2.06MPa (300psi) WOG non-shock 1.03MPa (150psi) Saturated steam			2.06MPa (300psi) WOG non-shock 1.03MPa (150psi) Saturated steam			1.37MPa (200psi) WOG non-shock 0.86MPa (125psi) Saturated steam			2.06MPa (300psi) WOG non-shock 1.03MPa (150psi) Saturated steam			
Remarks	BS/JIS taper threads only			ASME taper threads only									