

BRONZE

SCREWED

Fig No.	53			54			55			106			107		
Item	125-Gate N.R.S.			125-Swing Check			125-Globe			125-Gate R.S.			400-Ball (Full Bore)		
Material	※1 Bronze														
Class	125Lb.	10K	16bar	125Lb.	10K	16bar	125Lb.	10K	16bar	125Lb.	10K	16bar	400Lb.		
Connection	NPT		PT	NPT		PT	NPT		PT	NPT		PT	NPT	PT	
Standard	ASME	JIS	BS	ASME	JIS	BS	ASME	JIS	BS	ASME	JIS	BS	ASME	JIS	BS
Working Pressure	<ul style="list-style-type: none"> ● JIS/1.37MPa(-10~120°C) ● BS/16bar(-10~100°C) ● ASME/200PSI-WOG(100°F) 												<ul style="list-style-type: none"> ● 2.75MPa-WOG(38°C) ● 0.69MPa-WOG(150°F) 		
Appearance															
Dimension	L	H	W	L	H		L	H (Open)	W	L	H (Open)	W	L	H	W
1/4 inch	8mm	43	76	55			45	75	52	43	113	52			
3/8	10	43	76	55	55		45	75	52	43	113	55			
1/2	15	43	77	55	54		48	75	52	48	114	55	51	39	86
3/4	20	49	90	63	61		56	83	59	56	144	63	60	50	122
1	25	54	102	63	70		65	94	69	62	178	80	73	54	122
1 1/4	32	62	114	70	81		74	113	69	67	204	80	84	64	133
1 1/2	40	65	133	80	91		84	125	75	71	231	90	92	69	133
2	50	74	165	90	109		100	137	85	82	294	110	111	77	156
2 1/2	65	87	202	110	138		118	160	102	95	343	125			
3	80	98	224	125	149		136	187	119	103	396	140			
4	100	118	286	140	180		170	208	132						

SCREWED

Fig No.	108			109			110			111			56			74		
Item	150-Gate N.R.S.			150-Swing Check			150-Globe			150-Gate R.S.			150-Y.Strainer			150-Silent Check		
Material	※1 Bronze																	
Class	150Lb.	16K	25bar	150Lb.	16K	25bar	150Lb.	16K	25bar	150Lb.	16K	25bar	150Lb.	16K	25bar	150Lb.	16K	25bar
Connection	NPT		PT	NPT		PT	NPT		PT	NPT		PT	NPT		PT	NPT		PT
Standard	ASME	JIS	BS	ASME	JIS	BS	ASME	JIS	BS	ASME	JIS	BS	ASME	JIS	BS	ASME	JIS	BS
Working Pressure	<ul style="list-style-type: none"> ● JIS/1.96MPa(-10~120°C) ● BS/25bar(-10~100°C) ● ASME/300PSI-WOG(100°F) 																	
Appearance																		
Dimension	L	H	W	L	H	H (Open)	W	L	H (Open)	W	L	H	L	H	D			
1/4 inch	8mm			51	37	44	73	55										
3/8	10			51	37	44	76	55					70	44				
1/2	15	43	77	52	64	45	53	84	55	48	114	55	80	49	53			
3/4	20	49	90	59	73	53	65	82	63	56	144	63	100	57	59			
1	25	54	102	59	89	64	77	113	70	62	178	70	115	72	67			
1 1/4	32	60	114	69	111	79	85	134	80	67	204	80	135	82	78			
1 1/2	40	64	133	75	118	88	100	154	90	71	231	90	160	98	84			
2	50	71	163	85	140	105	119	187	110	82	294	110	195	121	98			
2 1/2	65	87	202	102						95	343	125	230	150				
3	80	98	224	119						103	396	140	239	180				
4	100																	

※1 Bronze Material

Standard	Designation
ASTM	C83600
JIS	CAC406(BC6)
BS	EN1982 CC491K

LEAD-LESS BRONZE

Now in the world, it has misgivings about influence on the human body by toxicity of lead. Lead is contained in copper alloy piping equipment including valves. In Japan, it has been provided by the Ministry of Welfare and Labor that the ooze standard of lead should be 0.001mg/L or less in case of water supply lines and water service facilities. Our lead-less bronze valve clears this standard by our original surface treatment method.

SCREWED

Fig No.	53N			54N			55N			56N					
Item	125NPb-Gate N.R.S.			125NPb-Swing Check			125NPb-Globe			150NPb-Y.Strainer					
Material	※1 Bronze														
Class	125Lb.	10K	16bar	125Lb.	10K	16bar	125Lb.	10K	16bar	150Lb.	10K	25bar			
Connection	NPT		PT	NPT		PT	NPT		PT	NPT	PT				
Standard	ASME	JIS	BS	ASME	JIS	BS	ASME	JIS	BS	ASME	JIS	BS			
Working Pressure	<ul style="list-style-type: none"> ● JIS/1.37MPa(-10~120°C) ● BS/16bar(-10~100°C) ● ASME/200PSI-WOG(100°F) 												<ul style="list-style-type: none"> ● JIS/1.96MPa(-10~120°C) ● BS/25bar(-10~100°C) ● ASME/300PSI-WOG(100°F) 		
Appearance															
Dimension	L	H	W	L	H		L	H (Open)	W	L	H				
1/4 inch	8mm	43	76	55			45	75	52						
3/8	10	43	76	55	55		45	75	52	70	44				
1/2	15	43	77	55	54		48	75	52	80	49				
3/4	20	49	90	63	61		56	83	59	100	57				
1	25	54	102	63	70		65	94	69	115	72				
1 1/4	32	62	114	70	81		74	113	69	135	82				
1 1/2	40	65	133	80	91		84	125	75	160	98				
2	50	74	165	90	109		100	137	85	195	121				
2 1/2	65	87	202	110	138		118	160	102	230	150				
3	80	98	224	125	149		136	187	119	239	180				
4	100	118	286	140	180		170	208	132						

※1 Bronze Material

Standard	Designation
ASTM	C83600
JIS	CAC406(BC6)
BS	EN1982 CC491K

BRASS

SCREWED

Fig No.	112			113			75		
Item	125E-Gate N.R.S.			400-Ball (Standard Bore)			400-Ball (Full Bore)		
Material	※2 Brass								
Class	125Lb.	10K	16bar	400Lb.					
Connection	NPT		PT	NPT		PT	NPT		PT
Standard	ASME	JIS	BS	ASME	JIS	BS	ASME	JIS	BS
Working Pressure	<ul style="list-style-type: none"> ● JIS/1.37MPa(-10~120°C) ● BS/16bar(-10~100°C) ● ASME/200PSI-WOG(100°F) 			<ul style="list-style-type: none"> ● 2.75MPa-WOG(38°C) ● 0.98MPa-Steam 			<ul style="list-style-type: none"> ● 2.75MPa-WOG(38°C) ● 0.98MPa-Steam 		
Appearance									
Dimension	L	H	W	L	H	W	L	H	W
1/4 inch	8mm			42	37	84			
3/8	10			44	37	84			
1/2	15	39	69	48	37	84	48	34	75
3/4	20	44	72	54	40	84	59	42	108
1	25	47	84	54	50	118	67	45	108
1 1/4	32	53	98	61	74	118	81	55	122
1 1/2	40	57	116	77	84	134	90	59	122
2	50	61	125	77	93	134	104	72	185
2 1/2	65	71	153	83	118	200	130	83	185
3	80	87	186	105	138	200	149	103	250
4	100	101	222	130	160	200			

※2 Brass Material

Standard	Designation
ASTM	C37700
JIS	C3771B
BS	EN12165