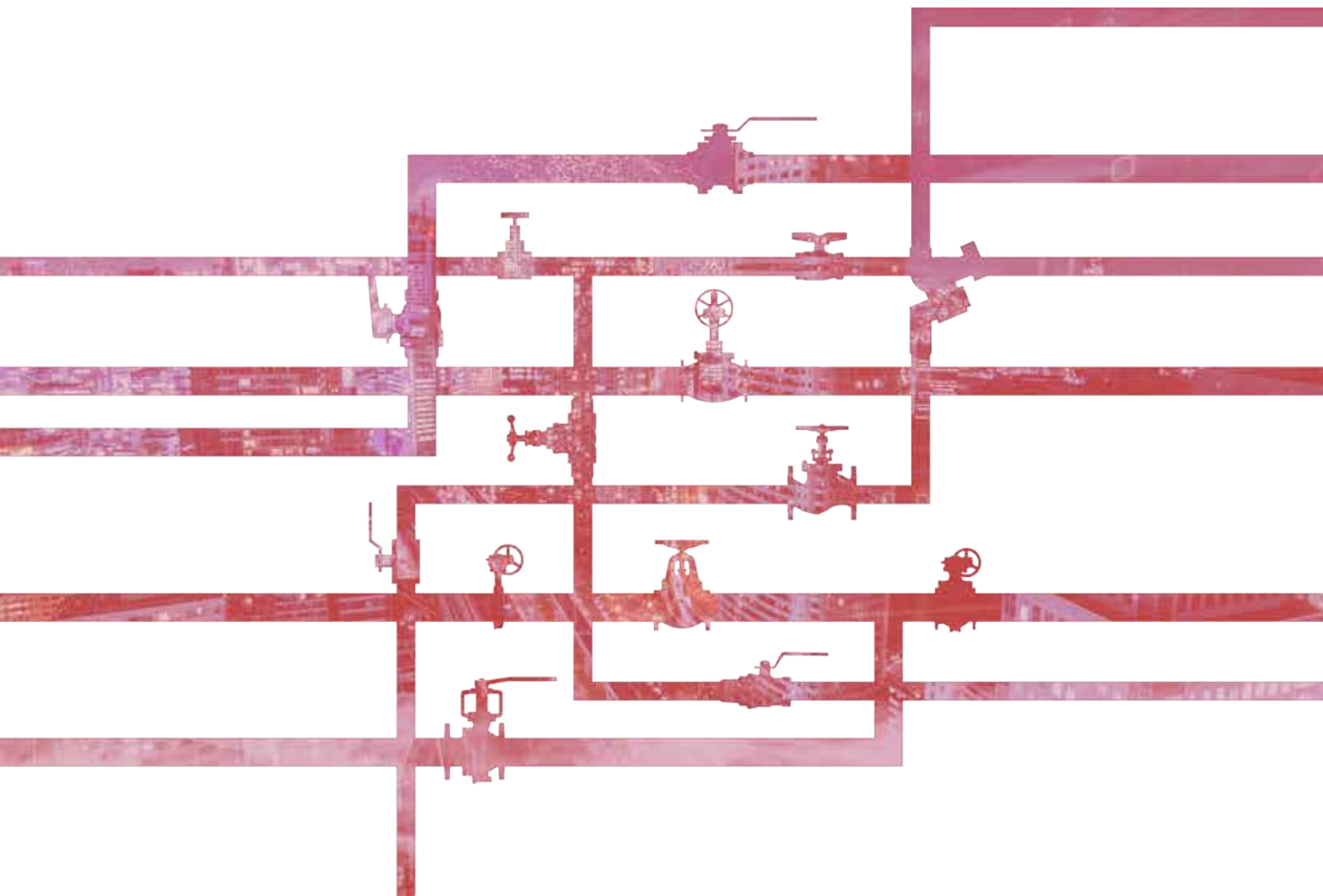






KITZ

GENERAL CATALOG

Bronze & Brass







Type	Globe			Gate			Gate			Gate			
Bronze & Brass KITZ Standard													
	UB/BB IS EAC			SB IS NRS			SB IS NRS			SB IS NRS			
Fig	DBH			FR			AKFS			CFS			
End Connection	JIS B2240			*BS21 (JIS B0203)			*ASME B1.20.1			**ASME B16.18			
inch	mm	L	H	D	L	H	D	L	H	D	L	H	D
3/8	10				38	73	50	38	73	50	45	75	50
1/2	15	82	113	60	42	73	50	42	73	50	45	75	50
3/4	20	95	138	90	47	87	55	47	87	55	60	86	55
1	25	108	156	100	50	97	60	50	97	60	70	97	60
1 1/4	32	120	184	115	60	118	70	60	118	70	77	117	70
1 1/2	40	140	187	115	63	126	80	63	126	80	86	126	80
2	50	165	212	135	72	154	90	72	154	90	104	154	90
2 1/2	65	190	244	155				80	167	100			
3	80	220	281	180				90	200	115			
4	100	270	321	225									
Body	Cast Bronze			Forged Brass			Forged Brass			Forged Brass			
Bonnet	Forged Brass/Cast Bronze			Forged Brass			Forged Brass			Forged Brass			
Stem	Dezincification Resistant Brass			Dezincification Resistant Brass			Dezincification Resistant Brass			Dezincification Resistant Brass			
Disc	G/F PTFE			Forged Brass			Forged Brass			Forged Brass			
Gland Packing	Aramid Fibers Graphite/PTFE			Aramid Fibers Graphite			Aramid Fibers Graphite			Aramid Fibers Graphite			
Hand Wheel	Aluminum Die-Cast/ZDC/DI			Aluminum Die-Cast			Aluminum Die-Cast			Aluminum Die-Cast			
Service Conditions	W.O.G. Non-shock 1.55MPa(225psi), Saturated Steam Pressure 1.03MPa(150psi) (Do not use for flammable gas or toxic gas.)			W.O.G. Non-shock 1.38MPa(200psi), Saturated Steam Pressure 0.86MPa(125psi) (Do not use for flammable gas or toxic gas.)			W.O.G. Non-shock 1.38MPa(200psi), Saturated Steam Pressure 0.86MPa(125psi) (Do not use for flammable gas or toxic gas.)			W.O.G. Non-shock 1.38MPa(200psi), Saturated Steam Pressure 0.86MPa(125psi) (Do not use for flammable gas or toxic gas.)			
Reference Page										P-T Rating : Page BR33			
Remarks	Flanged end drilled according to JIS 10K. EAC: Option			EAC: Option									

*The length of useful threads & the positions of gauge planes are built on KITZ standard.

**Solder jointed end valves should not be used in service where the temperature of line fluid is higher than the softening point of the solder.



Type	Gate			Gate			Gate			Gate			
Bronze & Brass KITZ Standard													
	SB IS NRS EAC RoHS			SB IS NRS			SB IS NRS			SB IS NRS			
Fig	FH			AKFH			CFH			PN16FH			
End Connection	*BS21 (JIS B0203)			*ASME B1.20.1			**ASME B16.18			*BS21 (JIS B0203)			
inch	mm	L	H	D	L	H	D	L	H	D	L	H	D
1/4	8	35	70	50	35	70	50				35	70	50
3/8	10	38	73	50	38	73	50	37	77	50	38	73	50
1/2	15	42	73	50	42	73	50	45	77	50	42	73	50
3/4	20	47	87	55	47	87	55	60	87	55	47	87	55
1	25	50	97	60	50	97	60	70	97	60	50	97	60
1 1/4	32	60	118	70	60	118	70	77	118	70	60	118	70
1 1/2	40	63	126	80	63	126	80	86	126	80	63	126	80
2	50	72	154	90	72	154	90	104	154	90	72	154	90
2 1/2	65	82	187	100	82	187	100	115	187	100	82	187	100
3	80	92	205	115	92	205	115	127	205	115	92	205	115
Body	Forged Brass			Forged Brass			Forged Brass			Forged Brass			
Bonnet	Forged Brass/Cast Bronze			Forged Brass/Cast Bronze			Forged Brass/Cast Bronze			Forged Brass/Cast Bronze			
Stem	Dezincification Resistant Brass			Dezincification Resistant Brass			Dezincification Resistant Brass			Dezincification Resistant Brass			
Disc	Forged Brass			Forged Brass			Forged Brass			Forged Brass			
Gland Packing	Aramid Fibers Graphite			Aramid Fibers Graphite			Aramid Fibers Graphite			Aramid Fibers Graphite			
Hand Wheel	Aluminum Die-Cast			Aluminum Die-Cast			Aluminum Die-Cast			Aluminum Die-Cast			
Standard/Approval	RoHS: FH<GS101> up to 1 ^B												
Service Conditions	W.O.G. Non-shock 1.38MPa(200psi), Saturated Steam Pressure 0.86MPa(125psi) (Do not use for flammable gas or toxic gas.)			W.O.G. Non-shock 1.38MPa(200psi), Saturated Steam Pressure 0.86MPa(125psi) (Do not use for flammable gas or toxic gas.)			W.O.G. Non-shock 1.38MPa(200psi), Saturated Steam Pressure 0.86MPa(125psi) (Do not use for flammable gas or toxic gas.)			16 bar at 100°C, 7 bar at 170°C (Do not use for flammable gas or toxic gas.)			
Reference Page							P-T Rating : Page BR33			P-T Rating : Page BR38			
Remarks	RoHS: Option EAC: Option			EAC: Option									

*The length of useful threads & the positions of gauge planes are built on KITZ standard.

**Solder jointed end valves should not be used in service where the temperature of line fluid is higher than the softening point of the solder.