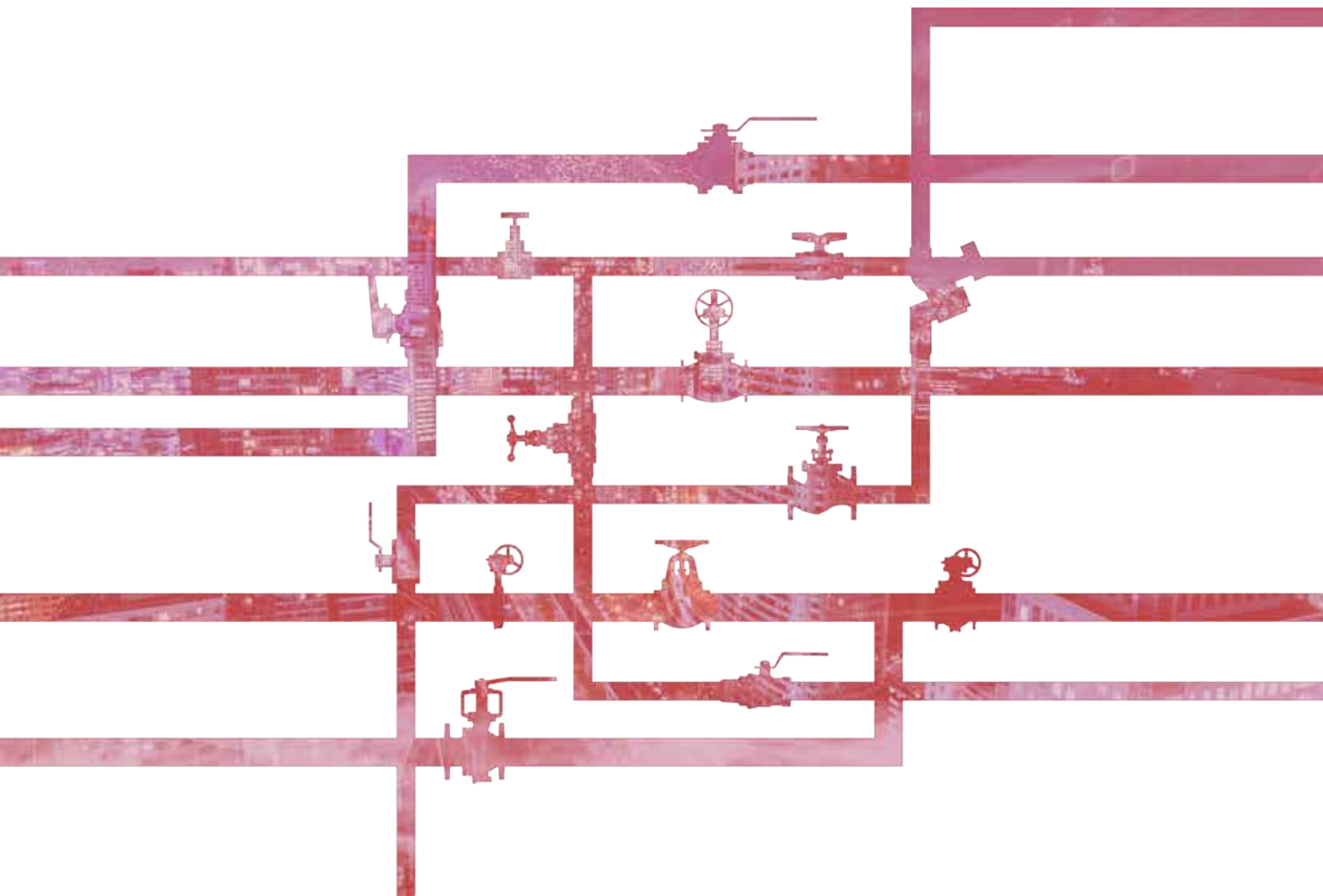
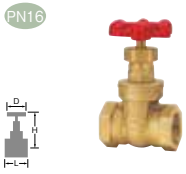

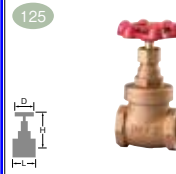
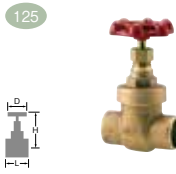


KITZ

GENERAL CATALOG

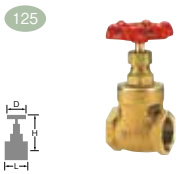



Bronze & Brass



Type	Gate				Gate			Gate			Gate		
Bronze & Brass KITZ Standard													
	AS				EAC			EAC			EAC		
Fig	AS-FH				H			AKH			CH		
End Connection	AS 1722.1				*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	37	73	50
1/2	15	55	74	55	42	73	50	42	73	50	45	73	50
3/4	20	60	86	55	47	85	55	47	85	55	60	85	55
1	25	68	94	60	50	96	60	50	96	60	72	96	60
1 1/4	32	78	116	70	60	115	70	60	115	70	78	115	70
1 1/2	40	81	128	80	63	125	80	63	125	80	87	125	80
2	50	94	158	90	72	155	90	72	155	90	102	155	90
2 1/2	65				90	202	115	90	202	115	115	202	115
3	80				100	223	135	100	223	135	130	223	135
4	100				121	280	155	121	280	155	173	280	155
Body	Special Brass (AS 2345)				Cast Bronze			Cast Bronze			Cast Bronze		
Bonnet	Special Brass (AS 2345)				Cast Bronze			Cast Bronze			Cast Bronze		
Stem	Special Brass (AS 2345)				Dezincification Resistant Brass			Dezincification Resistant Brass			Dezincification Resistant Brass		
Disc	Special Brass (AS 2345)				Forged Brass/Cast Bronze			Forged Brass/Cast Bronze			Forged Brass/Cast Bronze		
Gland Packing	Aramid Fibers Graphite				Aramid Fibers Graphite			Aramid Fibers Graphite			Aramid Fibers Graphite		
Hand Wheel	Ductile Iron				Aluminum Die-Cast			Aluminum Die-Cast			Aluminum Die-Cast		
Standard/Approval	AS 1628/WMKA02054												
Service Conditions	Working Temperature and Pressure, Non-shock 99°C/1.6MPa				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	AS: Austrarian standard				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													
	EAC				WSD WRAS			WRAS			EAC		
Fig	S				PN16S			PN25S			E		
End Connection	*BS21 (JIS B0203)				*BS21 (JIS B0203)			*BS21 (JIS B0203)			BS21 (JIS B0203)		
inch	mm	L	H	D	L	H	D	L	H	D	L	H	D
3/8	10	38	75	50							43	86	50
1/2	15	42	75	50	42	75	50	42	75	50	48	96	55
3/4	20	47	86	55	47	86	55	47	86	55	53	111	60
1	25	50	97	60	50	97	60	50	97	60	62	122	70
1 1/4	32	60	117	70	60	117	70	60	117	70	69	141	80
1 1/2	40	63	126	80	63	126	80	63	126	80	75	164	90
2	50	72	154	90	72	154	90	72	154	90	86	197	100
2 1/2	65	80	167	100							105	225	115
3	80	90	200	115							116	261	135
Body	Cast Bronze				Cast Bronze			Cast Bronze			Cast Bronze		
Bonnet	Forged Brass				Forged Brass			Forged Brass			Forged Brass/Cast Bronze		
Stem	Dezincification Resistant Brass				Dezincification Resistant Brass			Dezincification Resistant Brass			Dezincification Resistant Brass		
Disc	Forged Brass				Forged Brass			Forged Brass			Cast Bronze		
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					WRAS: (WR)PN16S, WSD: PN16S<ZH1W1>			WRAS: (WR)PN25S					
Service Conditions					16 bar at 100°C, 7 bar at 170°C (Do not use for flammable gas or toxic gas.)			25 bar at 100°C, 10.5 bar at 186°C (Do not use for flammable gas or toxic gas.)			W.O.G. Non-shock 2.07MPa(300psi), Saturated Steam Pressure 1.03MPa(150psi) (Do not use for flammable gas or toxic gas.)		
Reference Page					P-T Rating : Page BR38			P-T Rating : Page BR38					
Remarks	EAC: Option				WRAS, WSD: Option			WRAS: Option			EAC: Option		

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