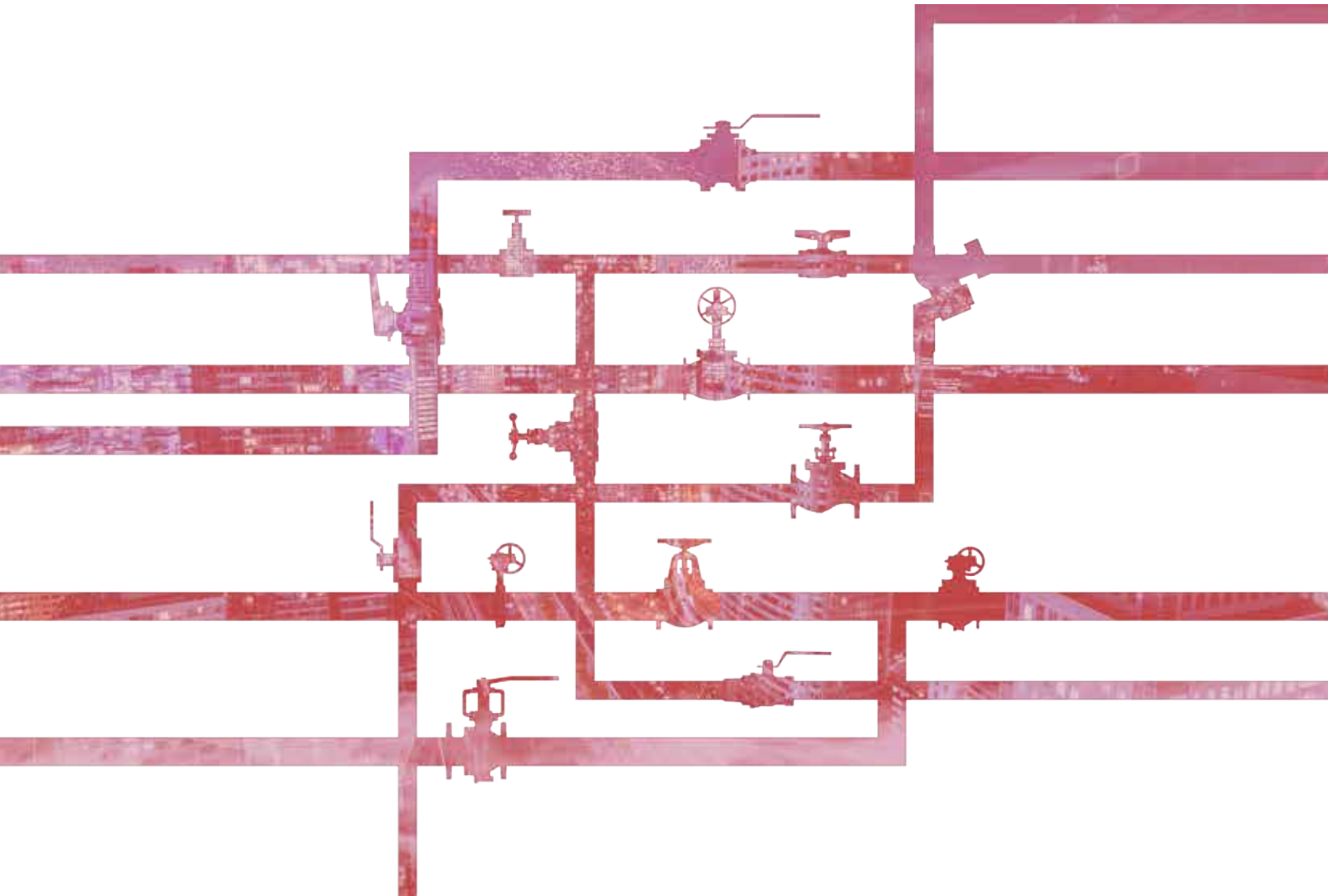
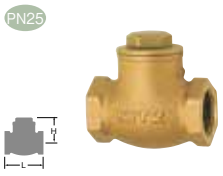
KITZ

GENERAL CATALOG

Bronze & Brass



Type		Swing Check			Y-Pattern Swing Check			Vertical Lift Check			Vertical Lift Check		
Bronze & Brass KITZ Standard		PN25 SC 			125 SC EAC WSD 			150 			150 		
Fig		PN25R			YR			RF			AKAF		
End Connection		BS21 (JIS B0203)			*BS21 (JIS B0203)			BS21 (JIS B0203)			ASME B1.20.1		
inch	mm	L	H	D	L	H	D	L	H	D	L	H	D
3/8	10				54	40							
1/2	15	53	39		56	40		53			53		
3/4	20	61	45		70	49		59			59		
1	25	70	50		80	58		67			67		
11/4	32	81	58		95	71		78			78		
11/2	40	91	65		110	80		84			84		
2	50	109	75		128	95		98			98		
Body		Cast Bronze			Cast Bronze			Cast Bronze			Cast Bronze		
Bonnet		Forged Brass			Forged Brass			Cast Bronze			Cast Bronze		
Stem/Hinge Pin		Brass			Copper			Spring: P Bronze			Spring: P Bronze		
Disc		Forged Brass			Cast Bronze			NBR			FKM		
Standard/Approval					WSD: YR<ZH1W3>								
Service Conditions		25 bar at 100℃, 10.5 bar at 186℃ (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 1.72MPa(250psi) (Do not use for flammable gas or toxic gas.)			W.O.G. Non-shock 1.72MPa(250psi) (Do not use for flammable gas or toxic gas.)		
Reference Page		P-T Rating : Page BR38											
Remarks					EAC: Option, WSD: Option								

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

Type		Vertical Lift Check			Vertical Lift Check			Vertical Lift Check			Screen for FT		
Bronze & Brass KITZ Standard		150 			5K 								
Fig		CAF			VF			FT			FTS		
End Connection		**ASME B16.18			BS21 (JIS B0203)			BS21 (JIS B0203xB0202)			BS21 (JIS B0202)		
inch	mm	L	H	D	L	H	D	L	H	D	L	H	D
1/2	15	61			37								
3/4	20	76			44			48			25		
1	25	89			51			58			29		
11/4	32	97			62			62			32		
11/2	40	110			69			70			35		
2	50	132			82			80			43		
21/2	65							90			50		
3	80							100			51		
Body		Cast Bronze			Cast Bronze			Cast Bronze			Cast Bronze		
Bonnet		Cast Bronze											
Stem		Spring: P Bronze											
Disc		FKM			Special Brass/Cast Bronze			NBR			Cast Bronze		
Service Conditions		W.O.G. Non-shock 1.72MPa(250psi) (Do not use for flammable gas or toxic gas.)			W.O.G. Non-shock 120℃(0.5MPa) (Do not use for flammable gas or toxic gas.)			W.O.G. 80℃(0.5MPa) (Do not use for flammable gas or toxic gas.)			W.O.G. 80℃(0.5MPa) (Do not use for flammable gas or toxic gas.)		
Remarks								Threading: Taper for Male, Parallel for Female			Threading: Parallel		

**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.