

JIS 10K

IRON GATE VALVE

Bolted bonnet, outside screw & yoke, rising stem.

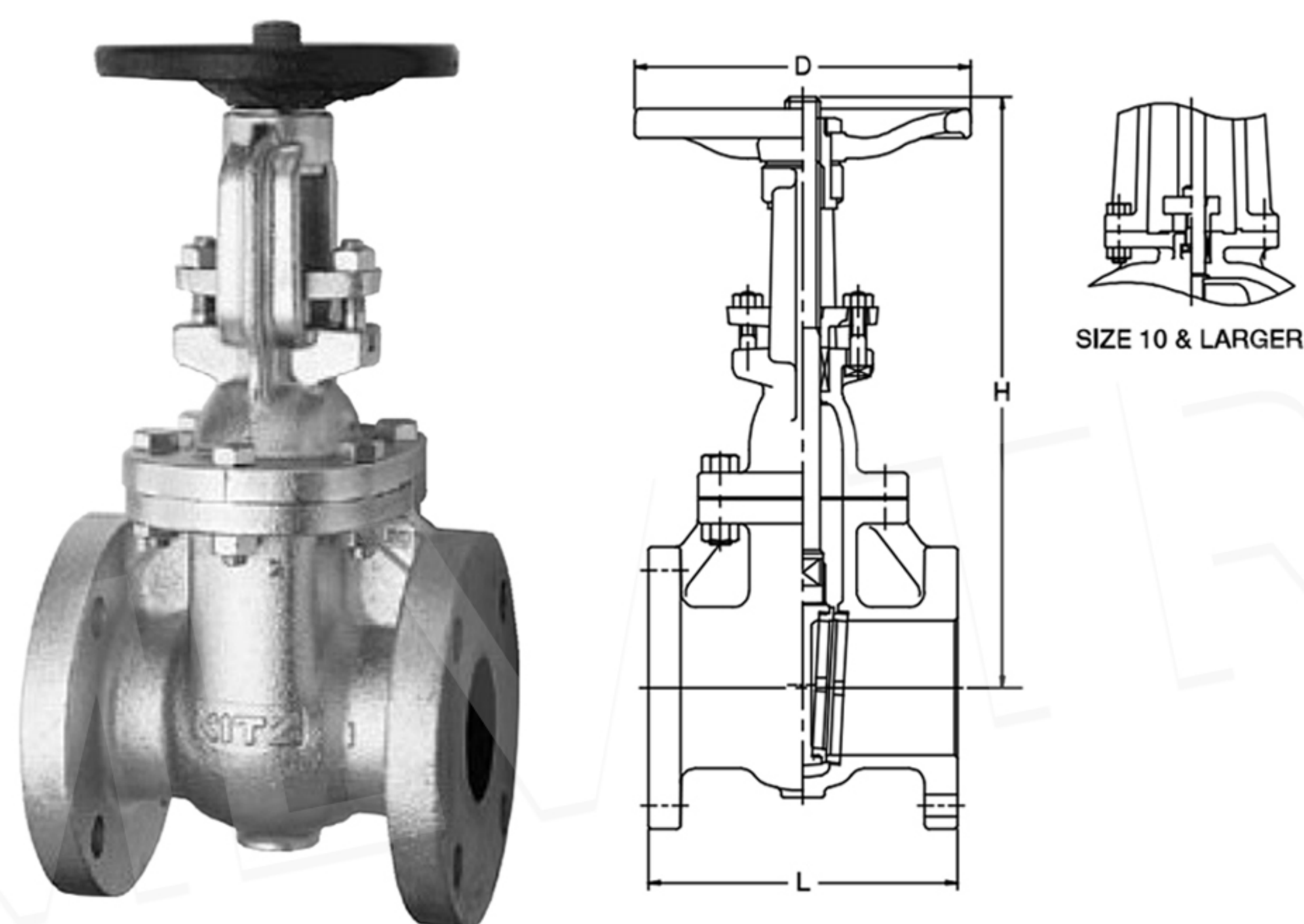
120°C Non-shock water 1.37 MPa, 120°C Water, oil, air 0.98 MPa

120°C Gas 0.20 MPa, Saturated steam 0.69 MPa (Refer to Page 2 for size 14" to 24")

Designed to JIS B2031

Fig. 10FCL

• Bronze trim



Materials

Parts	Material	JIS Spec.
		10FCL
Body	Cast Iron	FC200
Bonnet	Cast Iron	FC200
Stem	Brass/Stainless Steel	C3771BD
Disc	Cast Iron	FC200
Disc seat ring	Brass/Stainless Steel	CAC406
Body seat ring	Bronze	CAC406
Gland	11/2 to 14 Ductile Iron	FCD-S
	16 to 24 Stainless Steel	SUS403
Gland packing	Asbestos-free	
Gasket	Asbestos-free	
Gland bolt/nut	Carbon Steel	SS400
Bonnet bolt/nut	Carbon Steel	SS400
Yoke sleeve	Bronze	CAC406
Hand wheel	11/2 to 8 Cast Iron	FC250
	10 to 24 Ductile Iron	FCD400

Design Specifications

Items	
Shell wall thickness and general valve design*	JIS B2031
Face-to-face dimensions End-to-end dimensions	JIS B2031
End flange dimensions Gasket contact facing	JIS B2239 10K

*Nominal size 11/4, 14 and larger shall not be in accordance with JIS B2031

Dimensions

Valve Size	inch	1 1/2*	2	2 1/2	3	4	5	6	8	10	12	14*	16*	18*	20*	24*
	mm	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L Face-to-face		165	180	190	200	230	250	270	290	330	350	381	406	432	457	508
H Height (OPEN)		306	343	389	462	547	648	759	956	1168	1363	1560	1795	1995	2230	2640
D Handwheel Diameter		160	170	170	200	250	280	300	350	400	450	500	600	600	680	760

*JIS Mark is not applicable