

## PN16

## IRON GATE VALVE

Bolted bonnet, Inside screw,  
Non-rising stem, Flanged ends.

16 bar at 120°C, 12.8 bar at 200°C, P-T rating : See page 01

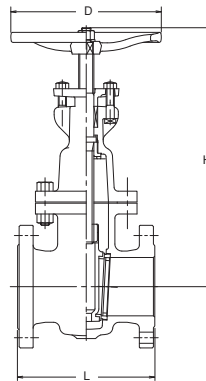


**Fig. EN16FCW**

• Bronze trim

**Fig. EN16FCWI**

• Bronze trim, with position indicator



### Materials

Parts	Material	Specifications
Body	Cast Iron	EN-GJL-200
Bonnet	Cast Iron	EN-GJL-200
Stem	Forged Brass	JIS H3250 C3771BD or BE
Disc	Cast Iron	EN-GJL-200
Disc seat ring	Cast Bronze	JIS H5120 CAC406
Body seat ring	Cast Bronze	JIS H5120 CAC406
Gland	Ductile Iron	
Gland packing	Flexible Graphite + PTFE Braided	
Gasket	Graphite	
Gland bolt/nut	Carbon Steel	
Bonnet bolt/nut	Carbon Steel	
Bonnet bushing	Cast Bronze	JIS H5120 CAC406
Hand wheel	DN 50 to 200	Cast Iron
	DN 250 & 300	Ductile Iron

### Design Specifications

Items	
Shell wall thickness	KITZ Standard
Face-to-face or End-to-end dimensions	EN 1171 PN16 Basic Series 3
End Connection	EN 1092-2 PN16

### Dimensions

Valve Size	NPS	2	2½	3	4	5	6	8	10	12
	DN	50	65	80	100	125	150	200	250	300
L Face-to-face		178	190	203	229	254	267	292	330	356
H Height		271	297	352	394	451	518	618	760	867
D Handwheel Diameter		180	180	200	250	280	300	350	400	450

## PN16

## IRON GATE VALVE

Bolted bonnet, Outside screw & yoke,  
Rising stem, Flanged ends.

16 bar at 120°C, 12.8 bar at 200°C, P-T rating : See page 01

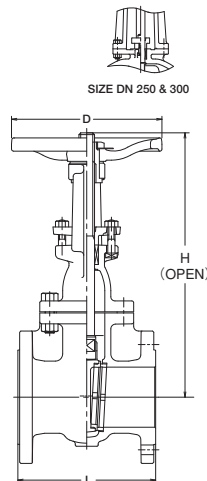


**Fig. EN16FCL**

• Bronze trim

**Fig. EN16FCLM**

• Stainless steel trim



### Materials

Parts	Material	Specifications	
		EN16 FCL	EN16FCLM
Body	Cast Iron	EN-GJL-200	
Bonnet	Cast Iron	EN-GJL-200	
Stem	Forged Brass	JIS H3250 C3771BD or BE	ASTM A276 Type316
Disc	Cast Iron	EN-GJL-200	
Disc seat ring	Cast Bronze	JIS H5120 CAC406	ASTM A182 Gr.F316
Body seat ring	Cast Bronze	JIS H5120 CAC406	ASTM A182 Gr.F316
Gland	Ductile Iron		
Gland packing	Flexible Graphite + PTFE Braided		
Gasket	Graphite		
Gland bolt/nut	Carbon Steel		
Bonnet bolt/nut	Carbon Steel		
Yoke sleeve	Cast Bronze		
Hand wheel	DN 50 to 200	Cast Iron	
	DN 250 & 300	Ductile Iron	

### Design Specifications

Items	
Shell wall thickness	KITZ Standard
Face-to-face or End-to-end dimensions	EN 1171 PN16 Basic Series 3
End Connection	EN 1092-2 PN16

### Dimensions

Valve Size	NPS	2	2½	3	4	5	6	8	10	12
	DN	50	65	80	100	125	150	200	250	300
L Face-to-face		178	190	203	229	254	267	292	330	356
H Height (OPEN)		343	389	462	547	648	759	956	1168	1363
D Handwheel Diameter		170	170	200	250	280	300	350	400	450