

## PN16

## IRON SWING CHECK VALVE

Bolted cover, Swing type disc, Flanged ends.

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

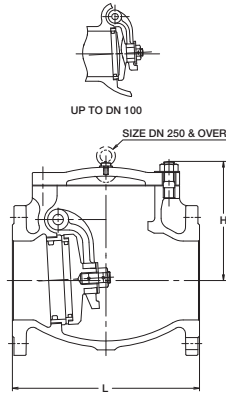


**Fig. EN16FCO**

• Bronze trim

**Fig. EN16FCOM**

• Stainless steel trim



### Materials

Parts	Material	Specifications	
		EN16 FCO	EN16FCOM
Body	Cast Iron	EN-GJL-200	
Cover	Cast Iron	EN-GJL-200	
Hinge pin	Stainless Steel	ASTM A276 Type403	ASTM A276 Type316
Disc	DN 50 to 100	Stainless Steel	JIS H5120 CAC406
	DN 125 to 300	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
Arm	Stainless Steel	ASTM A351 Gr.CF8	
Gasket		Graphite	
Cover bolt/nut		Carbon Steel	
Plug		Carbon Steel	

### Design Specifications

Items	
Shell wall thickness	KITZ Standard
Face-to-face or End-to-end dimensions	EN 558 PN16 Basic Series 10
End Connection	EN 1092-2 PN16

### Dimensions

Valve Size	NPS DN	2	2 1/2	3	4	5	6	8	10	12	mm
L Face-to-face		203	216	241	292	330	356	495	622	698	
H Height		111	121	145	165	207	225	268	315	356	

## PN25

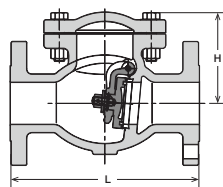
## IRON SWING CHECK VALVE

Bolted cover, Swing type disc, Flanged ends.

25Bar/2.5MPa, W.O.G – 10~120°C Saturated Steam



**Fig. (PHOX)EN25FCOE**



### Materials

Parts	Material	Specifications
Body	Cast Iron	EN1561 EN-GJL-250
Cover	Cast Iron	EN1561 EN-GJL-250
Hinge Pin	Stainless Steel	BS970 304S15
Disc	Cast Iron	EN1561 EN-GJL-250
Body Seat ring	Cast Bronze	BS1400 LG2
Disc Seat ring	Cast Bronze	BS1400 LG2
Arm	Ductile Cast Iron	EN1563 EN-GJS-450-10
Gasket	Teflon	
Cover bolt/nut	Carbon Steel	
Plug	Forged Brass	

### Design Specifications

Items	
Shell wall thickness and general valve design	Manufacturers standard
Face-to-face/End-to-end dimensions	EN558-1 series 4
End flange dimensions Gasket contact facing	EN1092-2 PN25

### Dimensions

Valve Size	NPS DN	2	2 1/2	3	4	5	6	8	10	12	mm
L Face-to-face		267	292	318	356	400	444	533	622	711	
H Height		135	150	166	190	206	244	291	337	383	