

# Ductile Iron Flex-Check™ Valve PN16 Fig. 661

## Pressure / Temperature Rating

16 bar from 0 to 80°C

## Test Pressure (Hydraulic)

Body: 24 bar

Seat: 17.6 bar

## Specification

Ductile iron body and cover

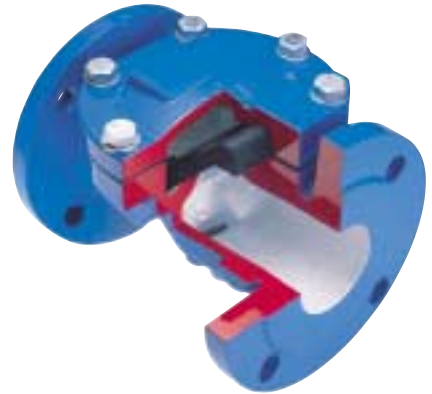
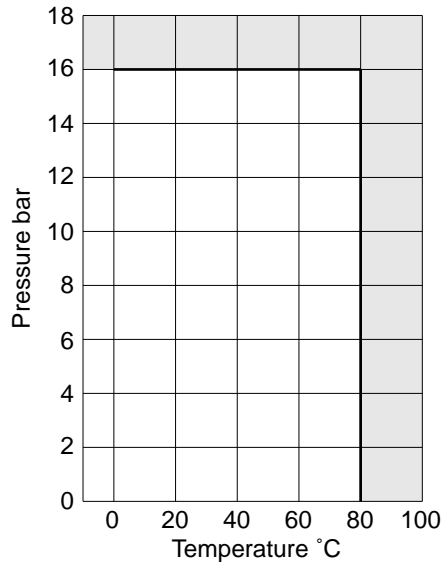
Totally encapsulated Nitrile disk and hinge

Epoxy lined interior

Non-slam design

Flanged to BS EN 1092-2 PN16

Also available flanged ANSI  
B16.5 Class 125.



## Optional Features

External backflush device (80 to 600mm)

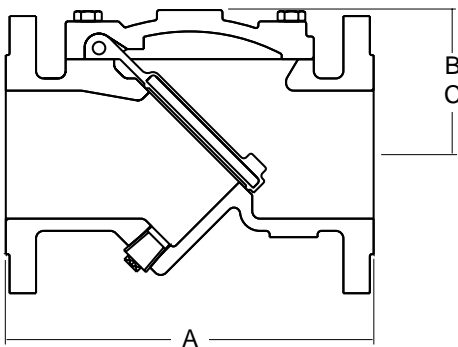
Rubber lining (80 to 600mm)

Disk position indicator switch

Differential pressure tapping

## Material Specification

Component	Material	Specification	
		BS	ASTM
Body	Ductile Iron	EN 1563 EN-JS1040	A536 Gr 65-45-12
	Epoxy Lined		
Cover	Ductile Iron	EN 1563 EN-JS1040	A536 Gr 65-45-12
	Epoxy Lined		
Resilient Gasket	Nitrile		
Disk	Steel/Nitrile	970 070M20	A36/D-2000
Cover Bolts	Steel		
Plug	Malleable Iron		



## Dimensions

Size	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	mm	203	216	241	292	349	381	495	622	699	787	813	914	1016	1219
B	mm	86	86	99	118	130	149	194	251	289	340	391	435	485	578
C*	mm	213	213	229	245	260	279	349	406	470	521	597	641	743	832
Weight	kg	12	15	19	27	42	52	100	190	270					

\* Clearance required to remove access cover.