

FOOT VALVE

SPECIFICATION

EPDM / NBR RESILIENT SEAT RING
FLANGED TO BS EN 1092-2 PN16 / PN25

PRESSURE / TEMPERATURE RATINGS

	CFV-B Cast Iron Body	DFV-B25 Ductile Iron Body
Working Pressure	16 bar	25 bar
Testing Pressure	Shell : 24 bar Seat : 17.6 bar	Shell: 37.5 bar Seat: 27.5 bar
Working Temperature	-10°C to 120°C (EPDM Seat Ring) -10°C to 80°C (NBR Seat Ring)	
Suitable Media	Water, Oil & Gas	

MATERIALS

Part	Material	BS
Body	Cast Iron	1452 Gr. 220
	Ductile Iron	2789 Gr. 420/12
Disc	Ductile Iron	2789 Gr. 420/12
Stem	Stainless Steel 410	970 410S21
Bushing	Gunmetal	1400 LG2
Screen	Stainless Steel	970 304S15
Seat	Ductile Iron	2789 Gr. 420/12
Seat Ring	EPDM / NBR	

DIMENSIONS

Size mm	H1 mm	H2 mm	D mm
50	133	68	114
65	140	93	130
80	152	108	144
100	185	138	177
125	216	163	203
150	229	189	237
200	257	208	290
250	393	225	330
300	362	245	383
350	400	270	470
400	448	290	520
450	476	315	570
500	524	340	630
600	610	365	740

Note:

1. Screen can be perforated or wire cloth.
2. Other flange standards available upon request.
3. Design and specifications are subject to change without prior notice.

**CFV-B
PN16**
DN50~600

**DFV-B25
PN25**
DN 50~600

