

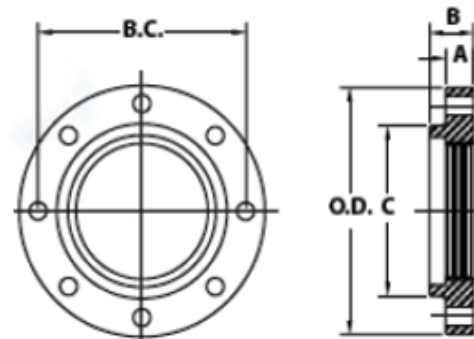
BLCF SERIES CAST IRON COMPANION FLANGE

SPECIFICATION:

- Material: Ductile Iron ASTM A536, Gray Iron: ASTM A123
- Dimensions: ANSI/AWWA C110 and ANSI B16.1
- Drilling: ANSI B16.1 Class 125/150 Flanges
- Threads: ANSI/ASME B1.20.1



MATERIAL LIST	
Name	Percent of Composition
Ductile Iron	
Carbon (C)	3.30%
Silicon (Si)	1.93%
Manganese (Mn)	0.62%
Phosphorous (P)	0.10%
Sulphur (S)	0.08%
Iron (Fe)	Remainder



DIMENSIONS												
Part No. Black	Pipe Connection Size	OD		A		B		C		BC		Weight lb
		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
BLCF-10	1"	4.25	107.95	0.44	11.18	0.69	17.53	1.94	49.28	3.12	79.25	0.89
BLCF-12	1-1/4"	4.62	117.35	0.50	12.70	0.81	20.57	2.31	58.67	3.50	88.90	0.95
BLCF-15	1-1/2"	5.00	127.00	0.56	14.22	0.88	22.35	2.56	65.02	3.88	98.55	1.25
BLCF-20	2"	6.00	152.40	0.62	15.75	1.00	25.40	3.06	77.72	4.75	120.65	1.80
BLCF-25	2-1/2"	7.00	177.80	0.69	17.53	1.12	28.45	3.56	90.42	5.50	139.70	2.90
BLCF-30	3"	7.50	190.50	0.75	19.05	1.19	30.23	4.45	113.03	6.00	152.40	3.50
BLCF-40	4"	9.00	228.60	0.94	23.88	1.31	33.27	5.32	135.13	7.50	190.50	5.24
BLCF-50	5"	10.00	254.00	0.94	23.88	1.44	36.58	6.44	163.58	8.50	215.90	6.30
BLCF-60	6"	11.00	279.40	1.00	25.40	1.56	39.62	7.56	192.02	9.50	241.30	7.45
BLCF-80	8"	13.50	342.90	1.12	28.45	1.75	44.45	9.69	246.13	11.75	298.45	12.81
BLCF-100	10"	16.00	406.40	1.19	30.23	1.94	49.28	12.00	304.80	14.25	361.95	17.52
BLCF-120	12"	19.00	482.60	1.25	31.75	2.19	55.63	14.06	357.12	17.00	431.80	25.02

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