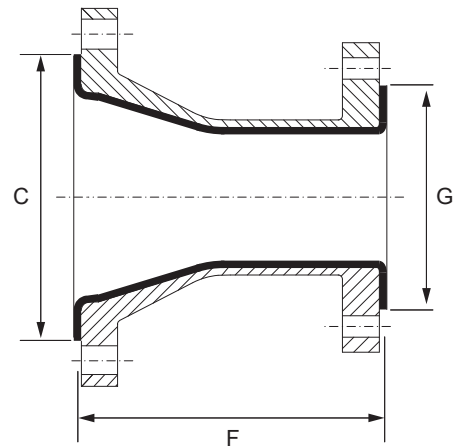


Concentric Reducers, PTFE-Lined

CS = Carbon Steel
 DI = Ductile Iron
 FAB = Fabricated Steel
 ATL = Advanced Technology Liner

Vacuum Rating: 1" - 12" is Full Vacuum Rated to 450 F (232 C)
 14" - 20" = Consult Factory

Also available in stainless steel
 Available with Class 300 flanges with same F, C, G dimensions
 Weights are approximate



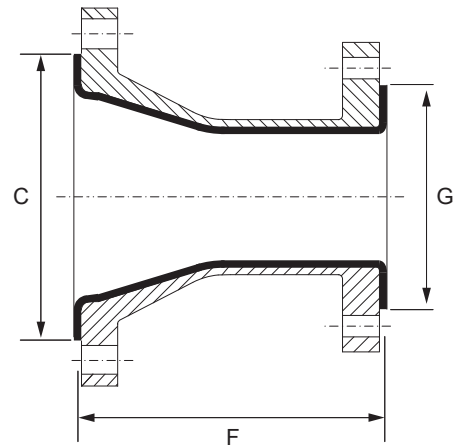
ASME B16.5 Class 150 Flanged														
Major Size NPS (DN)	Minor Size NPS (DN)	Dimensions						Available Construction					Weight	
		F		C		G		FAB with DI Rotating Flanges	FAB with CS Flanges (Fixed or Rotating)	Cast DI A395	Cast Steel A216 WCB	ATL	lbs.	kg
		Inch	mm	Inch	mm	Inch	mm							
1 (25)	1/2 (15)	4 1/2	114	2	51	1 3/4	35		•	•		•	6.5	3
	3/4 (20)					1 11/16	43		•		•	6.8	3.1	
1 1/2 (40)	1/2 (15)	4 1/2	114	2 7/8	73	1 3/4	35		•				7.7	3.5
	3/4 (20)					1 11/16	43		•			8	3.6	
	1 (25)					2	51	•	•	•	•	8.3	3.8	
2 (50)	1 (25)	5	127	3 5/8	92	2	51	•	•	•		•	9	4.1
	1 1/2 (40)					2 7/8	73	•	•	•	•	11	5	
3 (80)	1 (25)	6	152	5	127	2	51		•	•		•	14	6.4
	1 1/2 (40)					2 7/8	73		•	•	•	15	6.8	
	2 (50)					3 5/8	92	•	•	•	•	17	7.7	
4 (100)	1 (25)	7	178	6 3/16	157	2	51	•	•	•		•	20.4	9.3
	1 1/2 (40)					2 7/8	73	•	•	•	•	22.3	10.1	
	2 (50)					3 5/8	92	•	•	•	•	24.6	11.2	
	3 (80)					5	127	•	•	•	•	29	13.2	
6 (150)	2 (50)	9	229	8 1/2	216	3 5/8	92		•	•		•	40.3	18.3
	3 (80)					5	127		•	•	•	44.5	20.2	
	4 (100)					6 3/16	157		•	•	•	51.5	23.4	
8 (200)	4 (100)	11	279	10 5/8	270	6 3/16	157		•	•	•	•	75.4	34.3
	6 (150)					8 1/2	216		•	•	•	84	38.2	
10 (250)	6 (150)	12	305	12 3/4	324	8 1/2	216		•	•		•	116	52.7
	8 (200)					10 5/8	270		•	•	•	132	60	
12 (300)	6 (150)	14	356	15	381	8 1/2	216		•			•	144	65.5
	8 (200)					10 5/8	270		•		•	170	77.3	
	10 (250)					12 3/4	324		•		•	190	86.4	

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 Weights are approximate



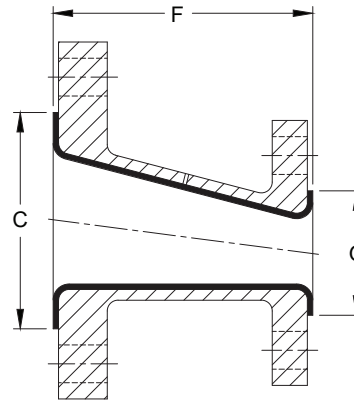
ASME B16.5 Class 150 Flanged										
Major Size NPS (DN)	Minor Size NPS (DN)	Dimensions						FAB with CS Flanges (Fixed or Rotating)	Weight	
		F		C		G			lbs.	kg
		Inch	mm	Inch	mm	Inch	mm			
14 (350)	10 (250)	16	406	16 1/4	412	12 3/4	324	●	162	73.6
	15					381	●	176	80	
16 (400)	12 (300)	18	457	18 1/2	470	15	381	●	231	105
	16 1/4					412	●	253	115	
18 (450)	14 (350)	19	483	21	534	16 1/4	412	●	326	148
	18 1/2					470	●	345	157	
20 (500)	16 (400)	20	508	23	585	18 1/2	470	●	462	210
	21					534	●	480	218	
24 (600)	18 (450)	24	610	27 1/4	692	21	534	●	620	282
	23					585	●	640	291	

Eccentric Reducers, PTFE-Lined

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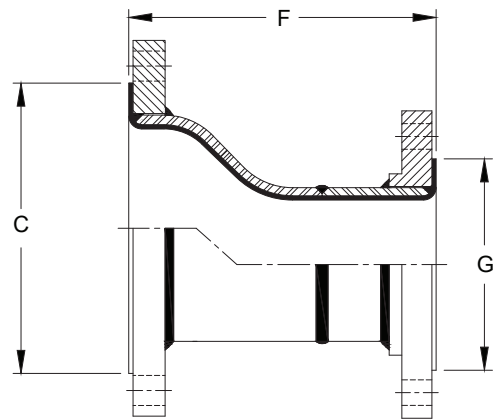
Vacuum Rating: 1" - 8 is Full Vacuum Rated to 450 F (232 C)
 10" - 20" = Consult Factory

Also available in stainless steel
 Available with Class 300 flanges with same F, C, D dimensions
 Weights are approximate



ASME B16.5 Class 150 Flanged													
Major Size NPS (DN)	Minor Size NPS (DN)	Dimensions						Available Construction				Weight	
		F		C		G		FAB with CS Fixed Flanges	Cast Steel A216 WCB	Cast DI A395	ATL		
		Inch	mm	Inch	mm	Inch	mm					lbs.	kg
1 (25)	1/2 (15)	4 1/2	114	2	51	1 3/4	35	•			•	6.5	3
	3/4 (20)					1 11/16	43	•			•	6.8	3.1
1 1/2 (40)	1 (25)	4 1/2	114	2 7/8	73	2	51	•	•		•	8.3	3.8
2 (50)	1 (25)	5	127	3 5/8	92	2	51	•	•		•	9	4.1
	1 1/2 (40)					2 7/8	73	•	•		•	11	5
3 (80)	1 1/2 (40)	6	152	5	127	2 7/8	73	•	•	•	•	15	6.8
	2 (50)					3 5/8	92	•	•	•	•	17	7.7
4 (100)	1 1/2 (40)	7	178	6 3/16	157	2 7/8	73	•	•		•	22.3	10.1
	2 (50)					3 5/8	92	•	•	•	•	24.6	11.2
	3 (80)					5	127	•	•	•	•	29	13.2
6 (150)	3 (80)	9	229	8 1/2	216	5	127	•	•	•	•	44.5	20.2
	4 (100)					6 3/16	157	•	•	•	•	51.5	23.4
8 (200)	4 (100)	11	279	10 5/8	270	6 3/16	157	•	•	•	•	75.4	34.3
	6 (150)					8 1/2	216	•	•	•	•	84	38.2
10 (250)	6 (150)	12	305	12 3/4	324	8 1/2	216	•				116	52.7
	8 (200)					10 5/8	270	•				132	60
12 (300)	6 (150)	14	356	15	381	8 1/2	216	•				144	65.5
	8 (200)					10 5/8	270	•				170	77.3
	10 (250)					12 3/4	324	•				190	86.4

Eccentric Reducers, PTFE-Lined



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ASME B16.5 Class 150 Flanged										
Major Size NPS (DN)	Minor Size NPS (DN)	Dimensions						FAB with CS Flanges (Fixed or Rotating)	Weight	
		F		C		G			lbs.	kg
		Inch	mm	Inch	mm	Inch	mm			
14 (350)	10 (250)	16	406	16 1/4	412	12 3/4	324	●	162	73.6
	15					381	●	176	80	
16 (400)	12 (300)	18	457	18 1/2	470	15	381	●	231	105
	16 1/4					412	●	253	115	
18 (450)	14 (350)	19	483	21	534	16 1/4	412	●	326	148
	18 1/2					470	●	345	157	
20 (500)	16 (400)	20	508	23	585	18 1/2	470	●	462	210
	21					534	●	480	218	
24 (600)	18 (450)	24	610	27 1/4	692	21	534	●	620	282
	23					585	●	640	291	

Vacuum Rating: 1" - 12" is Full Vacuum Rated to 450 F (232 C)
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Also available in stainless steel

Available with Class 300 flanges with same F, C, D dimensions

Weights are approximate