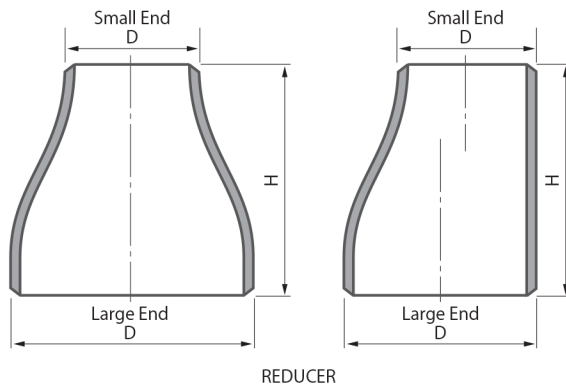


ASME レジューサの形状・寸法・重量 / DIMENSIONS OF REDUCER

ASME B 16.9

Nominal Pipe Size (NPS)	Dimensions (Unit:mm)			Carbon & Alloy Steel Weight (Unit:kg)												Stainless Steel Weight (Unit:kg)			
	Outside Diameter		End - to - End																
	Large End	Small End																	
	D	D		H	STD	XS	XXS	S40	S80	S120	S160	S10	S20	S30	S100	S10S	S40S	S80S	S160
3/4 x 1/2	26.7	21.3	38	0.059	0.075	-	0.059	0.075	-	0.150	-	-	-	-	0.070	0.090	0.100	0.110	
1 x 3/4	33.4	26.7	51	0.116	0.147	0.246	0.116	0.147	-	0.200	-	-	-	-	0.100	0.120	0.148	0.200	
x 1/2		21.3		0.105	0.133	0.215	0.105	0.133	-	0.190	-	-	-	-	0.100	0.120	0.134	0.180	
1-1/4 x 1	42.2	33.4	51	0.157	0.195	0.350	0.195	0.206	-	0.257	-	-	-	-	0.130	0.160	0.208	0.260	
x 3/4		26.7		0.155	0.187	0.310	0.187	0.200	-	0.232	-	-	-	-	0.130	0.160	0.189	0.235	
x 1/2		21.3		0.150	0.171	0.279	0.171	0.190	-	0.211	-	-	-	-	0.130	0.160	0.173	0.215	
1-1/2 x 1-1/4	48.3	42.2	64	0.275	0.324	0.567	0.275	0.324	-	0.429	-	-	-	-	0.190	0.250	0.327	0.433	
x 1		33.4		0.260	0.300	0.500	0.260	0.300	-	0.382	-	-	-	-	0.190	0.250	0.294	0.385	
x 3/4		26.7		0.250	0.290	0.449	0.250	0.290	-	0.379	-	-	-	-	0.190	0.250	0.270	0.383	
x 1/2		21.3		0.250	0.290	0.407	0.250	0.290	-	0.319	-	-	-	-	0.190	0.250	0.250	0.322	
2 x 1-1/2	60.3	48.3	76	0.400	0.590	0.909	0.400	0.590	-	0.780	-	-	-	-	0.280	0.380	0.513	0.760	
x 1-1/4		42.2		0.400	0.500	0.851	0.400	0.500	-	0.740	-	-	-	-	0.280	0.380	0.484	0.710	
x 1		33.4		0.390	0.480	0.765	0.390	0.480	-	0.700	-	-	-	-	0.280	0.380	0.442	0.650	
x 3/4		26.7		0.390	0.480	0.699	0.390	0.480	-	0.650	-	-	-	-	0.280	0.380	0.410	0.590	
x 1/2		-		0.380	0.470	0.500	0.380	0.470	-	0.600	-	-	-	-	0.280	0.380	0.400	0.560	
2-1/2 x 2	73.0	60.3	89	0.724	0.946	1.680	0.724	0.946	-	1.230	-	-	-	-	0.440	0.730	0.956	1.240	
x 1-1/2		48.3		0.661	0.900	1.510	0.661	0.900	-	1.120	-	-	-	-	0.440	0.670	0.870	1.130	
x 1-1/4		42.2		0.630	0.860	1.420	0.630	0.860	-	1.060	-	-	-	-	0.440	0.640	0.828	1.070	
x 1		33.4		0.630	0.830	1.300	0.630	0.830	-	0.977	-	-	-	-	0.440	0.590	0.768	0.990	
x 3/4		-		-	-	-	-	-	-	-	-	-	-	-	0.280	0.380	0.410	0.590	
3 x 2-1/2	88.9	73.0	89	1.000	1.250	2.250	1.000	1.250	-	1.750	-	-	-	-	0.530	0.950	1.260	1.770	
x 2		60.3		0.960	1.200	2.010	0.960	1.200	-	1.570	-	-	-	-	0.530	0.860	1.140	1.590	
x 1-1/2		48.3		0.900	1.150	1.830	0.900	1.150	-	1.490	-	-	-	-	0.530	0.790	1.050	1.450	
x 1-1/4		42.2		0.840	1.100	1.750	0.840	1.100	-	1.400	-	-	-	-	0.530	0.760	1.000	1.390	
x 1		26.7		0.800	1.000	1.600	0.800	1.000	-	1.300	-	-	-	-	0.530	0.760	0.960	1.350	
3-1/2 x 3	101.6	88.9	102	1.280	1.770	2.800	1.280	1.770	-	2.640	-	-	-	-	0.700	0.920	1.290	-	
x 2-1/2		73.0		1.230	1.650	2.760	1.230	1.650	-	2.450	-	-	-	-	0.700	0.920	1.240	-	
x 2		60.3		1.100	1.510	2.540	1.100	1.510	-	2.210	-	-	-	-	0.700	0.920	1.110	-	
x 1-1/2		48.3		1.020	1.410	2.400	1.020	1.410	-	2.050	-	-	-	-	0.700	0.920	1.030	-	
x 1-1/4		42.2		0.988	1.350	2.350	0.988	1.350	-	2.100	-	-	-	-	0.700	0.920	1.000	-	
4 x 3-1/2	114.3	101.6	102	1.550	2.200	3.760	1.600	2.200	-	3.250	-	-	-	-	0.800	1.470	2.040	3.040	
x 3		88.9		1.550	2.150	3.650	1.600	2.150	-	3.100	-	-	-	-	0.800	1.470	2.040	3.040	
x 2-1/2		73.0		1.470	2.100	3.410	1.470	2.100	-	3.000	-	-	-	-	0.800	1.390	1.920	2.850	
x 2		60.3		1.400	2.000	3.110	1.400	2.000	-	2.900	-	-	-	-	0.800	1.290	1.780	2.620	
x 1-1/2		48.3		1.350	1.950	2.900	1.350	1.950	-	2.800	-	-	-	-	0.800	1.200	1.670	2.440	
x 1-1/4		42.2		1.300	-	-	-	-	-	-	-	-	-	-	0.780	1.170	1.640	2.400	
x 1		33.5		1.300	-	-	-	-	-	-	-	-	-	-	0.770	1.160	1.620	2.380	

ASME B 16.9

Nominal Pipe Size (NPS)	Dimensions (Unit:mm)			Carbon & Alloy Steel Weight (Unit:kg)												Stainless Steel Weight (Unit:kg)				
	Outside Diameter		End - to - End																	
	Large End	Small End																		
				D	D	H	STD	XS	XXS	S40	S80	S120	S160	S10	S20	S30	S100	S10S	S40S	S80S
5	x	4	141.3	114.3	127	2.800	3.720	6.470	2.800	3.720	4.570	5.700	-	-	-	-	1.490	2.550	3.550	5.630
	x	3-1/2		101.6		2.800	3.720	6.200	2.800	3.720	-	5.700	-	-	-	-	1.490	2.550	3.550	5.630
	x	3		88.9		2.760	3.700	5.780	2.760	3.700	-	5.650	-	-	-	-	1.450	2.300	3.210	5.050
	x	2-1/2		73.0		2.600	3.350	5.460	2.600	3.350	-	5.200	-	-	-	-	1.400	2.190	3.050	4.780
	x	2		60.3		2.470	3.200	5.300	2.470	3.200	-	5.000	-	-	-	-	1.300	2.050	2.860	4.440
6	x	5	168.3	141.3	140	5.000	5.780	9.890	3.800	5.780	6.830	8.450	-	-	-	-	2.020	3.650	5.430	8.530
	x	4		114.3		3.800	5.500	8.980	3.800	5.500	6.280	7.750	-	-	-	-	1.950	3.350	5.010	7.830
	x	3-1/2		101.6		3.750	5.300	8.400	3.750	5.300	-	7.410	-	-	-	-	1.950	3.350	5.010	7.830
	x	3		88.9		3.700	5.160	8.210	3.700	5.160	-	7.080	-	-	-	-	1.820	3.070	4.610	7.150
	x	2-1/2		73.0		3.480	5.000	7.830	3.480	5.000	-	6.750	-	-	-	-	1.750	2.950	4.400	6.820
	x	2		60.3		3.400	-	-	-	-	-	-	-	-	-	-	1.700	2.920	4.300	6.700
8	x	6	219.1	168.3	152	6.650	9.250	15.40	6.650	9.250	12.80	14.70	-	6.650	-	-	3.190	5.800	8.750	-
	x	5		141.3		6.400	8.900	14.50	6.400	8.900	12.20	13.80	-	6.400	-	-	3.080	5.550	8.250	-
	x	4		114.3		6.000	8.500	13.60	6.000	8.500	11.60	12.90	-	6.000	-	-	3.010	5.170	7.800	-
	x	3-1/2		101.6		5.200	7.800	-	5.200	7.800	-	12.60	-	5.200	-	-	3.010	5.170	7.800	-
	x	3		88.9		5.200	7.800	-	-	-	-	-	-	-	-	-	2.900	5.000	7.400	-
10	x	8	273.0	219.1	178	11.20	13.70	25.00	11.20	15.70	21.30	27.00	-	11.20	11.20	21.30	5.200	9.700	12.90	-
	x	6		168.3		10.90	13.50	22.70	10.90	14.60	19.30	24.50	-	10.90	-	19.30	5.000	8.900	12.30	-
	x	5		141.3		10.00	13.00	21.50	10.00	14.10	18.10	23.30	-	10.00	-	18.10	4.890	8.600	11.60	-
	x	4		114.3		9.800	12.70	20.50	9.800	13.80	17.30	22.10	-	9.800	-	17.30	4.800	8.300	11.40	-
12	x	10	323.8	273.0	203	14.00	19.00	34.50	15.90	23.00	34.00	43.60	-	14.00	14.00	34.00	7.980	13.80	18.20	-
	x	8		219.1		13.80	17.80	32.20	15.80	21.00	31.70	40.30	-	13.80	13.80	31.70	7.620	12.90	16.80	-
	x	6		168.3		13.60	17.20	30.00	15.70	18.60	29.40	37.20	-	13.60	-	29.40	7.430	12.10	15.70	-
	x	5		141.3		13.00	16.00	28.70	15.20	18.00	28.30	35.70	-	13.00	-	28.30	7.250	11.80	15.00	-
14	x	12	355.6	323.8	330	25.40	31.00	-	29.50	49.30	70.10	87.70	-	25.40	25.40	-	-	-	-	-
	x	10		273.0		23.60	29.40	-	28.40	45.70	64.70	80.90	-	23.60	23.60	-	-	-	-	-
	x	8		219.1		23.00	29.00	-	27.40	44.20	59.70	74.30	-	23.00	23.00	-	-	-	-	-
	x	6		168.3		21.00	27.60	-	25.40	40.00	54.80	67.90	-	21.00	-	-	-	-	-	-
16	x	14	406.4	355.6	356	31.00	43.00	-	43.00	69.80	95.00	121.0	31.00	31.00	43.00	-	-	-	-	-
	x	12		323.8		29.60	42.50	-	42.50	66.50	90.40	115.0	-	29.60	42.50	-	-	-	-	-
	x	10		273.0		27.80	42.00	-	42.00	62.30	84.40	107.0	-	27.80	42.00	-	-	-	-	-
	x	8		219.1		24.80	38.00	-	38.00	55.40	78.60	99.50	-	24.80	38.00	-	-	-	-	-
18	x	16	457	406.4	381	51.00	68.20	-	76.00	126.0	130.0	164.0	51.00	51.00	68.20	-	-	-	-	-
	x	14		355.6		49.00	65.50	-	73.00	121.0	123.0	155.0	49.00	49.00	65.50	-	-	-	-	-
	x	12		323.8		48.00	64.00	-	71.70	119.0	118.0	148.0	-	48.00	64.00	-	-	-	-	-
	x	10		273.0		43.00	57.50	-	64.30	106.0	111.0	139.0	-	43.00	57.50	-	-	-	-	-
20	x	18	508	457.0	508	73.00	97.00	-	115.0	198.0	212.0	271.0	73.00	73.00	97.00	-	-	-	-	-
	x	16		406.4		70.00	93.00	-	110.0	190.0	201.0	256.0	70.00	70.00	93.00	-	-	-	-	-
	x	14		355.6		69.00	90.00	-	107.0	187.0	190.0	242.0	69.00	69.00	90.00	-	-	-	-	-
	x	12		323.8		58.00	78.00	-	91.00	157.0	182.0	231.0	-	58.00	78.00	-	-	-	-	-
22	x	20	559	508.0	508	78.00	103.0	-	128.7	224.0	255.0	324.0	78.00	78.00	103.0	-	-	-	-	-
	x	18		457.0		65.50	86.50	-	107.9	195.5	243.0	308.0	65.50	65.50	86.50	-	-	-	-	-
	x	16		406.4		63.50	83.80	-	104.6	189.5	231.0	293.0	63.50	63.50	83.80	-	-	-	-	-
	x	14		355.4		62.00	81.80	-	102.0	185.0	219.0	278.0	62.00	62.00	81.80	-	-	-	-	-
24	x	22	610	559.0	508	83.00	110.0	-	150.0	263.0	310.0	391.0	83.00	83.00	150.0	-	-	-	-	-
	x	20		508.0		82.00	109.0	-	146.0	254.0	297.0	374.0	82.00	82.00	146.0	-	-	-	-	-
	x	18		457.0		79.00	104.0	-	140.0	244.0	284.0	357.0	79.00	79.00	140.0	-	-	-	-	-
	x	16		406.4		70.00	92.00	-	126.0	225.0	271.0	341.0	70.00	70.00	126.0	-	-	-	-	-