

Approx weight of forged flanges - ASME B16.47

unit: kg

Series A (MSS SP-44)

DN	NPS	Class150		Class300		Class600		Class900	
		WN	BL	WN	BL	WN	BL	WN(XS)	BL
650	26	142.4	306.1	270.5	458.3	423.0	65.0	673.8	1083.0
700	28	161.4	361.9	329.0	565.3	479.7	90.3	798.5	1343.1
750	30	190.8	430.9	376.2	658.2	541.8	1061.2	913.3	1594.4
800	32	238.2	537.3	436.8	769.2	609.6	1244.7	1098.9	1924.5
850	34	254.4	599.9	488.7	889.0	667.3	1416.2	1281.9	2283.6
900	36	304.8	733.7	546.0	1039.7	755.1	1646.7	1457.0	2639.0
950	38	336.8	799.1	304.8	875.8	640.0	1493.0	1423.9	2664.2
1000	40	364.9	894.5	370.3	1040.8	686.4	1678.5	1504.2	2925.4
1050	42	415.9	1044.9	403.1	1176.6	854.6	2013.2	1635.5	3251.2
1100	44	437.8	1195.9	459.2	1346.2	904.1	2228.1	1919.3	3794.5
1150	46	498.6	1304.7	522.6	1529.8	997.7	2517.6	2243.2	4403.5
1200	48	548.0	1470.0	556.3	1697.3	1196.0	2934.7	2405.5	4380.9
1250	50	593.4	1621.6	635.4	1937.8	1511.9	3357.7	-	-
1300	52	652.1	1815.7	681.6	2141.7	1616.3	3653.8	-	-
1350	54	726.2	2038.5	834.0	2496.4	1779.7	4077.0	-	-
1400	56	798.2	2243.2	878.0	2681.2	1943.2	4557.7	-	-
1450	58	882.8	2497.1	919.9	2921.1	2106.6	4958.6	-	-
1500	60	926.0	2700.7	977.5	3189.7	2270.0	5724.0	-	-

Series B (API 605)

DN	NPS	Class150		Class300		Class600		Class900	
		WN	BL	WN	BL	WN	BL	WN(XS)	BL
650	26	58.1	165.0	188.0	388.8	246.9	529.2	525.9	927.6
700	28	66.8	200.4	197.1	440.0	284.0	625.3	665.0	1174.3
750	30	72.3	239.7	241.6	535.8	354.5	788.1	784.7	1409.4
800	32	83.7	287.7	299.7	673.5	412.9	945.8	889.3	1657.2
850	34	102.0	378.7	323.0	745.1	521.9	1158.7	1047.7	1943.5
900	36	114.7	395.1	357.7	831.3	570.5	1323.7	1060.5	2109.0
950	38	139.5	484.7	384.5	972.5	-	-	-	-
1000	40	151.0	555.5	439.8	1106.3	-	-	-	-
1050	42	166.1	618.3	490.0	1247.8	-	-	-	-
1100	44	177.0	701.2	539.6	1431.3	-	-	-	-
1150	46	207.4	809.6	632.6	1635.7	-	-	-	-
1200	48	224.9	908.2	650.2	1811.4	-	-	-	-
1250	50	247.6	1021.5	714.4	1999.5	-	-	-	-
1300	52	262.3	1136.3	774.0	2208.5	-	-	-	-
1350	54	284.8	1266.2	802.8	2468.2	-	-	-	-
1400	56	301.5	1398.6	1071.8	2889.7	-	-	-	-
1450	58	360.7	1587.7	1138.4	3182.7	-	-	-	-
1500	60	382.2	1744.3	1210.1	3484.7	-	-	-	-