SEA
SCANNER
LOGISTICS

Supply Department

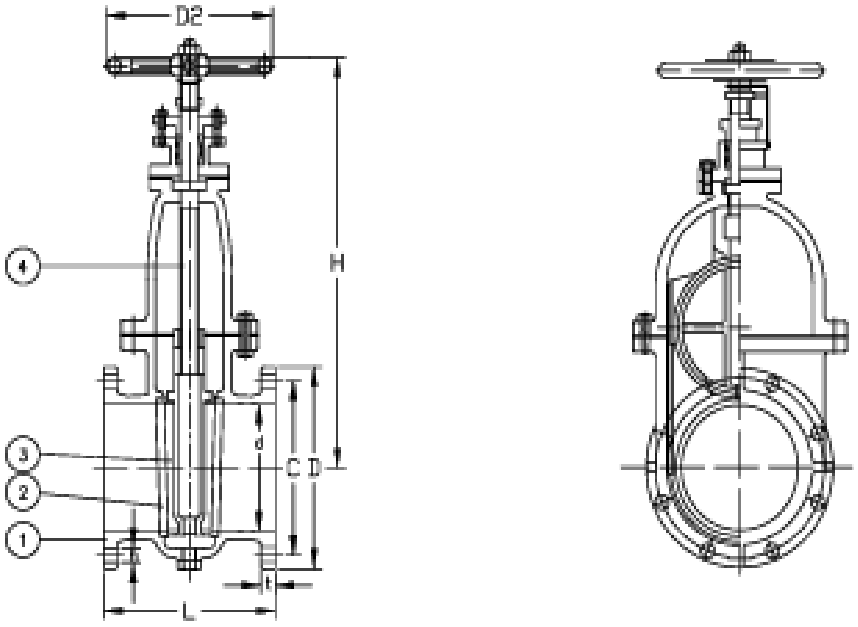
VALVE & FLANGE
PRODUCT OVERVIEW

WHATSAPP: +201204007027

SEA SCANNER LOGISTICS
Supply Department

Class 150 Bronze NRS Gate Valve
Bolted Bonnet - Non Rising Stem

Series 1021 ... Regular



Face to face acc. to ANSI B16.10
Flanges acc. to ANSI B16.24 Class 150

Part Nr.	Material (Option 1)	Material (Option 2)
1 - Body	Bronze - B62	Bronze - B62
2 - Seat Ring	Bronze - B62	St. Steel - SS304
3 - Disc Ring	Bronze - B62	St. Steel - SS304
4 - Stem	Brass - B124	Brass - B124

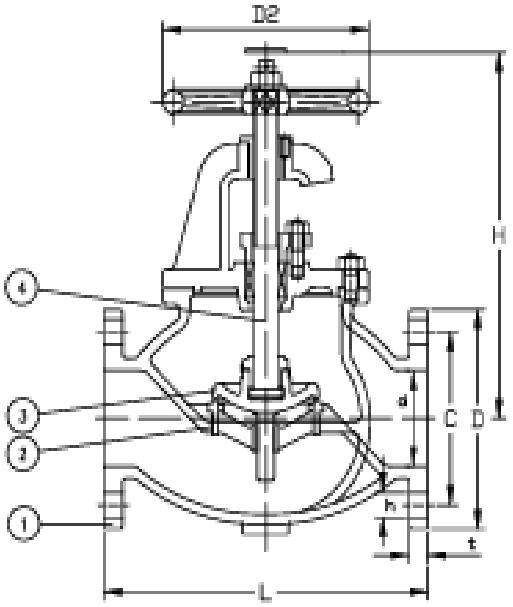
Hydraulic Inspection	
Shell	350 PSIG
Seat	225 PSIG

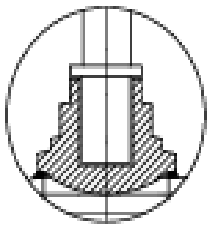
	Size	L	D	C	n	h	t	H	D2	Lb Kg
in	2	7.00	6.00	4.75	4	0.75	0.50	11.25	5.00	32
mm	50	178	152	121		19	13	286	127	15
in	2.50	7.50	7.00	5.50	4	0.75	0.56	13.00	5.50	44
mm	65	191	178	140		19	14	330	140	20
in	3	8.00	7.50	6.00	4	0.75	0.62	13.00	6.31	53
mm	80	203	191	152		19	16	330	160	24
in	4	9.00	9.00	7.50	8	0.75	0.68	17.00	7.12	84
mm	100	229	229	191		19	17	432	181	38
in	5	10.00	10.00	8.50	8	0.88	0.75	19.50	7.88	114
mm	125	254	254	216		22	19	495	200	52
in	6	10.50	11.00	9.50	8	0.88	0.80	22.00	8.88	154
mm	150	267	279	241		22	20	559	225	70
in	8	11.50	13.50	11.75	8	0.88	0.94	26.75	11.00	268
mm	200	292	343	298		22	24	679	279	122
in	10	13.00	16.00	14.25	12	1.00	1.00	31.50	14.00	420
mm	250	330	406	362		25	25	800	356	191
in	12	14.00	19.00	17.00	12	1.00	1.06	33.25	15.00	636
mm	300	356	483	432		25	27	845	381	289

SEA SCANNER LOGISTICS
Supply Department

Class 150 Bronze Globe Valve
Bolted Bonnet - OS&Y

Series 2021 ... Regular
Series 2121 ... SDNR





Face to face acc. to ANSI B16.10
Flanges acc. to ANSI B16.24 Class 150

Part Nr.	Material (Option 1)	Material (Option 2)
1 - Body	Bronze - B62	Bronze - B62
2 - Seat Ring	Bronze - B62	St. Steel - SS304
3 - Disc Ring	Bronze - B62	St. Steel - SS304
4 - Stem	Brass - B124	Brass - B124

Hydraulic Inspection	
Shell	350 PSIG
Seat	225 PSIG

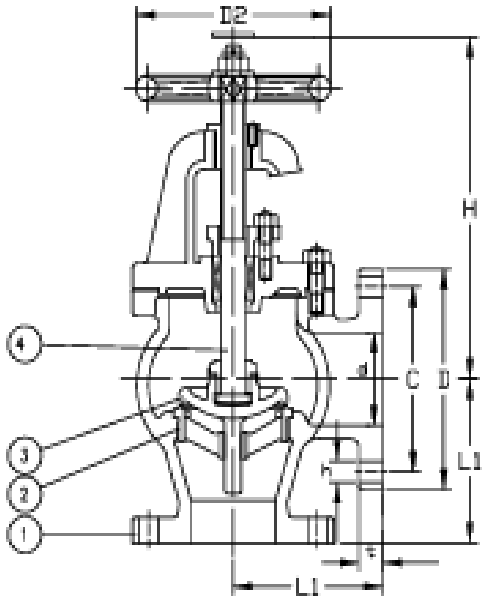
	Size	L	D	C	n	h	t	H	D2	Lb Kg
in	1.5	6.50	5.00	3.88	4	0.63	0.44	9.00	5.00	15
mm	40	165	127	99		16	11	229	127	7
in	2	8.00	6.00	4.75	4	0.75	0.50	11.12	6.00	24
mm	50	203	152	121		19	13	282	152	11
in	2.5	8.50	7.00	5.50	4	0.75	0.56	12.00	7.50	37
mm	65	216	178	140		19	14	305	191	17
in	3	9.50	7.50	6.00	4	0.75	0.63	14.75	8.75	51
mm	80	241	191	152		19	16	375	222	23
in	4	11.50	9.00	7.50	8	0.75	0.69	15.38	9.00	88
mm	100	292	229	191		19	18	391	229	40
in	5	14.00	10.00	8.50	8	0.88	0.75	18.25	10.00	123
mm	125	356	254	216		22	19	464	254	56
in	6	16.00	11.00	9.50	8	0.88	0.81	21.50	12.00	183
mm	150	406	279	241		22	21	546	305	83
in	8	19.50	13.50	11.75	8	0.88	0.94	27.25	14.00	275
mm	200	495	343	298		22	24	692	356	125

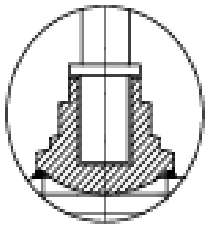
SEA SCANNER LOGISTICS
Supply Department

Class 150 Bronze Angle Valve

Bolted Bonnet - OS&Y

Series 3021 ... Regular
Series 3121 ... SDNR





SDNR

Face to center acc. to ANSI B16.10
Flanges acc. to ANSI B16.24 Class 150

Part Nr.	Material (Option 1)	Material (Option 2)
1 - Body	Bronze - B62	Bronze - B62
2 - Seat Ring	Bronze - B62	St. Steel - SS304
3 - Disc Ring	Bronze - B62	St. Steel - SS304
4 - Stem	Brass - B124	Brass - B124

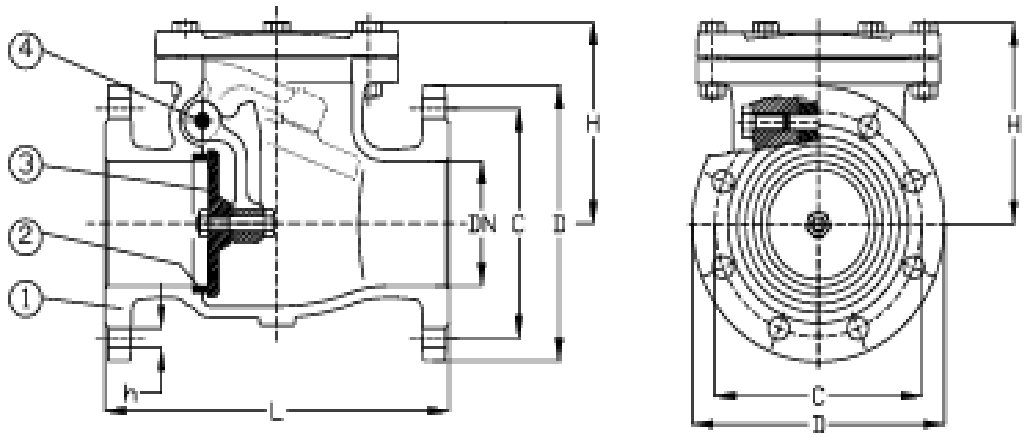
Hydraulic Inspection	
Shell	350 PSIG
Seat	225 PSIG

	Size	L	D	C	n	h	t	H	D2	Lb Kg
in	1.5	3.25	5.00	3.88	4	0.63	0.44	9.00	5.00	22
mm	40	83	127	99		16	11	229	127	10
in	2	4.00	6.00	4.75	4	0.75	0.50	11.12	6.00	33
mm	50	102	152	121		19	13	282	152	15
in	2.5	4.25	7.00	5.50	4	0.75	0.56	12.00	7.50	44
mm	65	108	178	140		19	14	305	191	20
in	3	4.75	7.50	6.00	4	0.75	0.63	14.75	8.75	44
mm	80	121	191	152		19	16	375	222	24
in	4	5.75	9.00	7.50	4	0.75	0.69	15.38	9.00	84
mm	100	146	229	191		19	18	391	229	38
in	5	7.00	10.00	8.50	8	0.75	0.75	18.25	10.00	114
mm	125	178	254	216		19	19	464	254	52
in	6	8.00	11.00	9.50	8	0.88	0.81	21.50	12.00	154
mm	150	203	279	241		22	21	546	305	70
in	8	9.00	13.50	11.75	8	0.88	0.94	27.25	14.00	266
mm	200	229	343	298		22	24	692	356	121

Class 150 Bronze Swing Check Valve

Bolted Cover

Series 4421 ... Swing Check



Face to face acc. to ANSI B16.10
Flanges acc. to ANSI B16.24 Class 150

Part Nr.	Material (Option 1)	Material (Option 2)
1 - Body	Bronze - B62	Bronze - B62
2 - Seat Ring	Bronze - B62	St. Steel - SS304
3 - Disc Ring	Bronze - B62	St. Steel - SS304
4 - Hinge	Brass - B124	Brass - B124

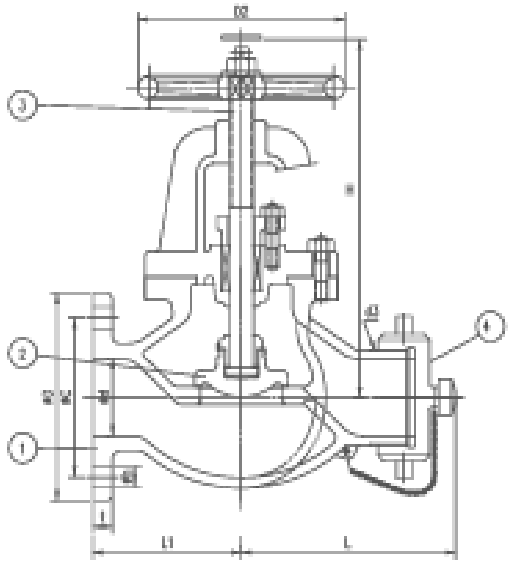
Hydraulic Inspection	
Shell	350 PSIG
Seat	225 PSIG

	Size	L	D	C	n	h	t	H	Lb Kg
in	2	8.00	6.00	4.75	4	0.75	0.50	5.50	42
mm	50	203	152	121		19	13	140	19
in	2.50	8.50	7.00	5.50	4	0.75	0.56	6.00	51
mm	65	216	178	140		19	14	152	23
in	3	9.50	7.50	6.00	4	0.75	0.62	6.50	73
mm	80	241	191	152		19	16	165	33
in	4	11.50	9.00	7.50	8	0.75	0.68	7.88	106
mm	100	292	229	191		19	17	200	48
in	5	13.00	10.00	8.50	8	0.88	0.75	8.38	185
mm	125	330	254	216		22	19	213	84
in	6	14.00	11.00	9.50	8	0.88	0.80	9.50	330
mm	150	356	279	241		22	20	241	150
in	8	19.50	13.50	11.75	8	0.88	0.94	10.50	484
mm	200	495	343	298		22	24	267	220
in	10	24.50	16.00	14.25	12	1.00	1.00	13.38	704
mm	250	622	406	362		25	25	340	320
in	12	27.50	19.00	17.00	12	1.00	1.06	15.35	913
mm	300	698	483	432		25	27	390	415

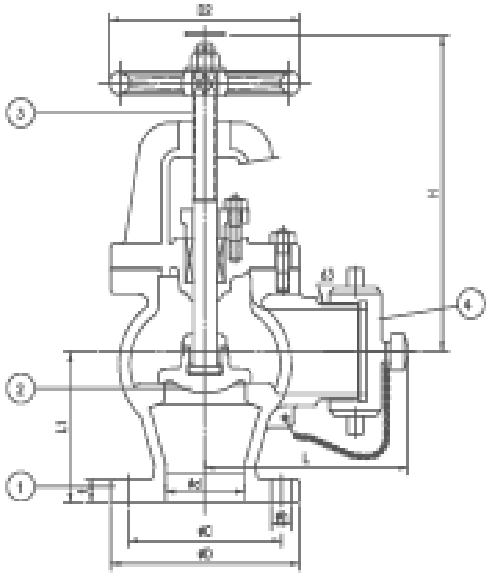
Class 150/300 Hose Globe & Angle Valve

Screwed and Bolted Bonnet - NST Threaded

Series 7334G ... Globe
Series 7334A ... Angle



Globe Pattern



Angle Pattern

Flanges acc. to ANSI B16.24 Class 150
Other thread connections available upon request

Size 1.5" (40mm) will be supplied with a Screwed Bonnet (not pictured)

Part Nr.	Material (Option 1)	Material (Option 2)
1 - Body	Bronze - B62	Bronze - B62
2 - Disc	Bronze - B62	SS304 - SS304
3 - Stem	Brass - B124	SS304 - SS304
4 - Cap	Bronze - B62	Bronze - B62

Hydraulic Inspection	
Shell	350 PSIG
Seat	225 PSIG

			Size	L	L1	D	C	n	h	t	H	D2	D3
Globe Pattern		in	1.5	4.13	3.54	5.00	3.88	4	0.63	0.44	7.48	5.51	9.5 NH
		mm	40	105	90	127	99		16	11	190	140	(NST)
	Class 150#	in	2	5.50	4.33	6.00	4.75	4	0.75	0.50	10.63	6.30	8 NH
		mm	50	140	110	152	121		19	13	270	160	(NST)
		in	2.5	6.50	5.31	7.00	5.50	4	0.75	0.56	11.61	7.87	7 NH
		mm	65	165	135	178	140		19	14	295	200	(NST)
	Class 300#	in	2.5	7.00	5.70	7.50	6.00	8	.90	0.81	12.00	7.87	7 NH
		mm	65	178	145	190	152		23	20	305	200	(NST)
Angle Pattern		in	1.5	3.74	3.94	5.00	3.88	4	0.63	0.44	6.50	5.51	9.5 NH
		mm	40	95	100	127	99		16	11	165	140	(NST)
	Class 150#	in	2	5.12	4.72	6.00	4.75	4	0.75	0.50	9.45	6.30	8 NH
		mm	50	130	120	152	121		19	13	240	160	(NST)
		in	2.5	6.50	5.12	7.00	5.50	4	0.75	0.56	10.04	7.87	7 NH
		mm	65	165	130	178	140		19	14	255	200	(NST)
	Class 300#	in	2.5	7.00	5.60	7.50	6.00	8	.90	0.81	11.50	7.87	7 NH
		mm	65	178	142	190	152		23	20	270	200	(NST)

Conversion Table - Linear

From Inches to Millimeters

1 Inch = 25.4mm

Inch	0	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16
0	mm	1.6	3.2	4.8	6.4	7.9	9.5	11.1	12.7	14.3	15.9	17.5	19.1	20.6	22.2	23.8
1	25.4	27.0	28.6	30.2	31.8	33.3	34.9	36.5	38.1	39.7	41.3	42.9	44.5	46.0	47.6	49.2
2	50.8	52.4	54.0	55.6	57.2	58.7	60.3	61.9	63.5	65.1	66.7	68.3	69.9	71.4	73.0	74.6
3	76.2	77.8	79.4	81.0	82.6	84.1	85.7	87.3	88.9	90.5	92.1	93.7	95.3	96.8	98.4	100.0
4	101.6	103.2	104.8	106.4	108.0	109.5	111.1	112.7	114.3	115.9	117.5	119.1	120.7	122.2	123.8	125.4
5	127.0	128.6	130.2	131.8	133.4	134.9	136.5	138.1	139.7	141.3	142.9	144.5	146.1	147.6	149.2	150.8
6	152.4	154.0	155.6	157.2	158.8	160.3	161.9	163.5	165.1	166.7	168.3	169.9	171.5	173.0	174.6	176.2
7	177.8	179.4	181.0	182.6	184.2	185.7	187.3	188.9	190.5	192.1	193.7	195.3	196.9	198.4	200.0	201.6
8	203.2	204.8	206.4	208.0	209.6	211.1	212.7	214.3	215.9	217.5	219.1	220.7	222.3	223.8	225.4	227.0
9	228.6	230.2	231.8	233.4	235.0	236.5	238.1	239.7	241.3	242.9	244.5	246.1	247.7	249.2	250.8	252.4
10	254.0	255.6	257.2	258.8	260.4	261.9	263.5	265.1	266.7	268.3	269.9	271.5	273.1	274.6	276.2	277.8
11	279.4	281.0	282.6	284.2	285.8	287.3	288.9	290.5	292.1	293.7	295.3	296.9	298.5	300.0	301.6	303.2
12	304.8	306.4	308.0	309.6	311.2	312.7	314.3	315.9	317.5	319.1	320.7	322.3	323.9	325.4	327.0	328.6
13	330.2	331.8	333.4	335.0	336.6	338.1	339.7	341.3	342.9	344.5	346.1	347.7	349.3	350.8	352.4	354.0
14	355.6	357.2	358.8	360.4	362.0	363.5	365.1	366.7	368.3	369.9	371.5	373.1	374.7	376.2	377.8	379.4
15	381.0	382.6	384.2	385.8	387.4	388.9	390.5	392.1	393.7	395.3	396.9	398.5	400.1	401.6	403.2	404.8
16	406.4	408.0	409.6	411.2	412.8	414.3	415.9	417.5	419.1	420.7	422.3	423.9	425.5	427.0	428.6	430.2
17	431.8	433.4	435.0	436.6	438.2	439.7	441.3	442.9	444.5	446.1	447.7	449.3	450.9	452.4	454.0	455.6
18	457.2	458.8	460.4	462.0	463.6	465.1	466.7	468.3	469.9	471.5	473.1	474.7	476.3	477.8	479.4	481.0
19	482.6	484.2	485.8	487.4	489.0	490.5	492.1	493.7	495.3	496.9	498.5	500.1	501.7	503.2	504.8	506.4
20	508.0	509.6	511.2	512.8	514.4	515.9	517.5	519.1	520.7	522.3	523.9	525.5	527.1	528.6	530.2	531.8
21	533.4	535.0	536.6	538.2	539.8	541.3	542.9	544.5	546.1	547.7	549.3	550.9	552.5	554.0	555.6	557.2
22	558.8	560.4	562.0	563.6	565.2	566.7	568.3	569.9	571.5	573.1	574.7	576.3	577.9	579.4	581.0	582.6
23	584.2	585.8	587.4	589.0	590.6	592.1	593.7	595.3	596.9	598.5	600.1	601.7	603.3	604.8	606.4	608.0
24	609.6	611.2	612.8	614.4	616.0	617.5	619.1	620.7	622.3	623.9	625.5	627.1	628.7	630.2	631.8	633.4
25	635.0	636.6	638.2	639.8	641.4	642.9	644.5	646.1	647.7	649.3	650.9	652.5	654.1	655.6	657.2	658.8

Example:
In order to obtain the millimeter (mm) dimension for 7-1/2", find 7" on the x (vertical) axis and 1/2" on the y (horizontal) axis of the chart. The intersection of the two numbers is the millimeter (mm) equivalent to 7-1/2" (or 190.50mm).

Conversion Table - Pressure

From PSI to Kg/Cm2 and Kg/Cm2 to PSI

PSI	Kg/ Cm2	PSI	Kg/ Cm2	PSI	Kg/ Cm2	PSI	Kg/ Cm2	PSI	Kg/ Cm2	PSI	Kg/ Cm2	PSI	Kg/ Cm2	PSI	Kg/ Cm2
1	0.07	31	2.18	61	4.29	91	6.40	205	14.42	410	28.83	710	49.93	1010	71.03
2	0.14	32	2.25	62	4.36	92	6.47	210	14.77	420	29.54	720	50.63	1020	71.73
3	0.21	33	2.32	63	4.43	93	6.54	215	15.12	430	30.24	730	51.34	1030	72.43
4	0.28	34	2.39	64	4.50	94	6.61	220	15.47	440	30.94	740	52.04	1040	73.14
5	0.35	35	2.46	65	4.57	95	6.68	225	15.82	450	31.65	750	52.74	1050	73.84
6	0.42	36	2.53	66	4.64	96	6.75	230	16.17	460	32.35	760	53.45	1060	74.54
7	0.49	37	2.60	67	4.71	97	6.82	235	16.53	470	33.05	770	54.15	1070	75.25
8	0.56	38	2.67	68	4.78	98	6.89	240	16.88	480	33.76	780	54.85	1080	75.95
9	0.63	39	2.74	69	4.85	99	6.96	245	17.23	490	34.46	790	55.56	1090	76.65
10	0.70	40	2.81	70	4.92	100	7.03	250	17.58	500	35.16	800	56.26	1100	77.36
11	0.77	41	2.88	71	4.99	105	7.38	255	17.93	510	35.86	810	56.96	1120	78.76
12	0.84	42	2.95	72	5.06	110	7.74	260	18.28	520	36.57	820	57.67	1140	80.17
13	0.91	43	3.02	73	5.13	115	8.09	265	18.64	530	37.27	830	58.37	1160	81.58
14	0.98	44	3.09	74	5.20	120	8.44	270	18.99	540	37.97	840	59.07	1180	82.98
15	1.05	45	3.16	75	5.27	125	8.79	275	19.34	550	38.68	850	59.77	1200	84.39
16	1.13	46	3.23	76	5.34	130	9.14	280	19.69	560	39.38	860	60.48	1220	85.79
17	1.20	47	3.31	77	5.41	135	9.49	285	20.04	570	40.08	870	61.18	1240	87.20
18	1.27	48	3.38	78	5.49	140	9.85	290	20.39	580	40.79	880	61.88	1260	88.61
19	1.34	49	3.45	79	5.56	145	10.20	295	20.75	590	41.49	890	62.59	1280	90.01
20	1.41	50	3.52	80	5.63	150	10.55	300	21.10	600	42.19	900	63.29	1300	91.42
21	1.48	51	3.59	81	5.70	155	10.90	310	21.80	610	42.90	910	63.99	1320	92.83
22	1.55	52	3.66	82	5.77	160	11.25	320	22.50	620	43.60	920	64.70	1340	94.23
23	1.62	53	3.73	83	5.84	165	11.60	330	23.21	630	44.30	930	65.40	1360	95.64
24	1.69	54	3.80	84	5.91	170	11.95	340	23.91	640	45.01	940	66.10	1380	97.05
25	1.76	55	3.87	85	5.98	175	12.31	350	24.61	650	45.71	950	66.81	1400	98.45
26	1.83	56	3.94	86	6.05	180	12.66	360	25.32	660	46.41	960	67.51	1420	99.86
27	1.90	57	4.01	87	6.12	185	13.01	370	26.02	670	47.12	970	68.21	1440	101.27
28	1.97	58	4.08	88	6.19	190	13.36	380	26.72	680	47.82	980	68.92	1460	102.67
29	2.04	59	4.15	89	6.26	195	13.71	390	27.43	690	48.52	990	69.62	1480	104.08
30	2.11	60	4.22	90	6.33	200	14.06	400	28.13	700	49.23	1000	70.32	1500	105.49

To convert to Kg/Cm2 from PSI, divide PSI by 14.22

To convert to PSI from Kg/Cm2, multiply Kg/Cm2 by 14.22