



— BROCK SOLID[®] —

CAPACITIES NON-STIFFENED BINS



Safeguarding Your Grain[®] Since 1957

Wide Corrugation Bins

BROCK® Wide Corrugation Non-Stiffened Storage Bins													
Bin Size			Maximum Capacity* Peaked Storage					Capacity with Drying or Aeration Floor (Bushels)		Eave Height		Fill Height	
Diameter (Meters)	Tiers	Bin Model	Bushels	U.S. Tons Corn	Metric Tons Corn	U.S. Tons Wheat	Metric Tons Wheat	Low Floor	High Floor	Feet/ Inches	Meters	Feet/ Inches	Meters
15 Ft. (4.6 M)	3	74-01511	1,841	48.6	44.1	51.9	47.1	1,671	1,613	11'-2"	3.40	15'-0"	4.57
	4	74-01515	2,385	63.0	57.2	67.2	61.0	2,216	2,158	14'-10"	4.52	18'-8"	5.70
	5	74-01518	2,930	77.4	70.2	82.6	74.9	2,760	2,702	18'-6"	5.63	22'-5"	6.83
	6	74-01522	3,474	91.8	83.3	97.9	88.8	3,305	3,247	22'-2"	6.75	26'-0"	7.92
	7	74-01526	4,019	106.2	96.3	113.2	102.7	3,849	3,791	25'-10"	7.87	29'-8"	9.05
	8	74-01529	4,563	120.5	109.4	128.6	116.6	4,394	4,336	29'-6"	8.99	33'-5"	10.18
18 Ft. (5.5 M)	3	74-01811	2,709	71.6	64.9	76.3	69.2	2,464	2,381	11'-2"	3.40	15'-11"	4.85
	4	74-01815	3,493	92.3	83.7	98.4	89.3	3,249	3,165	14'-10"	4.52	19'-6"	5.94
	5	74-01818	4,278	113.0	102.5	120.5	109.3	4,033	3,950	18'-6"	5.63	23'-2"	7.07
	6	74-01822	5,062	133.7	121.3	142.6	129.4	4,818	4,734	22'-2"	6.75	26'-11"	8.20
	7	74-01826	5,847	154.4	140.1	164.7	149.4	5,602	5,519	25'-10"	7.87	30'-6"	9.30
	8	74-01829	6,631	175.2	158.9	186.8	169.5	6,387	6,303	29'-6"	8.99	34'-2"	10.42
	9	74-01833	7,416	195.9	177.7	208.9	189.6	7,171	7,087	33'-2"	10.11	37'-11"	11.55
21 Ft. (6.4 M)	3	74-02111	3,765	99.5	90.2	106.1	96.2	3,432	3,318	11'-2"	3.40	16'-8"	5.09
	4	74-02115	4,833	127.7	115.8	136.2	123.5	4,500	4,387	14'-10"	4.52	20'-5"	6.22
	5	74-02118	5,901	155.9	141.4	166.3	150.8	5,568	5,455	18'-6"	5.63	24'-1"	7.35
	6	74-02122	6,970	184.1	167.0	196.4	178.2	6,637	6,523	22'-2"	6.75	27'-8"	8.44
	7	74-02126	8,038	212.3	192.6	226.5	205.5	7,705	7,591	25'-10"	7.87	31'-5"	9.57
	8	74-02129	9,106	240.5	218.2	256.6	232.8	8,773	8,659	29'-6"	8.99	35'-1"	10.70
	9	74-02133	10,174	268.7	243.8	286.7	260.1	9,841	9,727	33'-2"	10.11	38'-8"	11.80
24 Ft. (7.3 M)	3	74-02411	5,020	132.6	120.3	141.4	128.3	4,585	4,436	11'-2"	3.40	17'-7"	5.36
	4	74-02415	6,415	169.5	153.7	180.8	164.0	5,980	5,831	14'-10"	4.52	21'-4"	6.49
	5	74-02418	7,811	206.3	187.2	220.1	199.6	7,376	7,227	18'-6"	5.63	24'-11"	7.59
	6	74-02422	9,206	243.2	220.6	259.4	235.3	8,771	8,622	22'-2"	6.75	28'-7"	8.72
	7	74-02426	10,602	280.0	254.1	298.7	271.0	10,167	10,018	25'-10"	7.87	32'-4"	9.85
	8	74-02429	11,997	316.9	287.5	338.0	306.7	11,562	11,413	29'-6"	8.99	35'-11"	10.94
	9	74-02433	13,392	353.8	320.9	377.4	342.3	12,958	12,809	33'-2"	10.11	39'-7"	12.07
27 Ft. (8.2 M)	3	74-02711	6,482	171.2	155.3	182.6	165.7	5,931	5,743	11'-2"	3.40	18'-6"	5.64
	4	74-02715	8,248	217.9	197.7	232.4	210.8	7,698	7,509	14'-10"	4.52	22'-1"	6.74
	5	74-02718	10,015	264.5	240.0	282.2	256.0	9,464	9,276	18'-6"	5.63	25'-10"	7.86
	6	74-02722	11,781	311.2	282.3	332.0	301.1	11,231	11,042	22'-2"	6.75	29'-6"	8.99
	7	74-02726	13,548	357.9	324.7	381.7	346.3	12,997	12,809	25'-10"	7.87	33'-1"	10.09
	8	74-02729	15,314	404.5	367.0	431.5	391.5	14,764	14,575	29'-6"	8.99	36'-10"	11.22
	9	74-02733	17,081	451.2	409.3	481.3	436.6	16,530	16,342	33'-2"	10.11	40'-6"	12.34
	10	74-02737	18,847	497.9	451.7	531.0	481.8	18,297	18,108	36'-10"	11.22	44'-1"	13.44
30 Ft. (9.1 M)	4	74-03015	10,342	273.2	247.8	291.4	264.4	9,662	9,430	14'-10"	4.52	23'-0"	7.01
	5	74-03018	12,523	330.8	300.1	352.9	320.1	11,843	11,611	18'-6"	5.63	26'-8"	8.14
	6	74-03022	14,704	388.4	352.4	414.3	375.9	14,024	13,792	22'-2"	6.75	30'-4"	9.24
	7	74-03026	16,886	446.0	404.6	475.8	431.6	16,206	15,973	25'-10"	7.87	34'-0"	10.36
	8	74-03029	19,067	503.7	456.9	537.2	487.4	18,387	18,155	29'-6"	8.99	37'-8"	11.49
	9	74-03033	21,248	561.3	509.2	598.7	543.1	20,568	20,336	33'-2"	10.11	41'-4"	12.59
	10	74-03037	23,429	618.9	561.5	660.1	598.9	22,749	22,517	36'-10"	11.22	45'-0"	13.72



BROCK® Wide Corrugation Non-Stiffened Storage Bins													
Bin Size			Maximum Capacity* Peaked Storage					Capacity with Drying or Aeration Floor (Bushels)		Eave Height		Fill Height	
Diameter (Meters)	Tiers	Bin Model	Bushels	U.S. Tons Corn	Metric Tons Corn	U.S. Tons Wheat	Metric Tons Wheat	Low Floor	High Floor	Feet/ Inches	Meters	Feet/ Inches	Meters
33 Ft. (10.1 M)	4	74-03315	12,706	335.6	304.5	358.0	324.8	11,883	11,602	14'-10"	4.52	23'-11"	7.28
	5	74-03318	15,345	405.4	367.7	432.4	392.2	14,523	14,241	18'-6"	5.63	27'-6"	8.38
	6	74-03322	17,985	475.1	431.0	506.7	459.7	17,162	16,881	22'-2"	6.75	31'-2"	9.51
	7	74-03326	20,625	544.8	494.2	581.1	527.2	19,802	19,521	25'-10"	7.87	34'-11"	10.64
	8	74-03329	23,264	614.5	557.5	655.5	594.7	22,441	22,160	29'-6"	8.99	38'-6"	11.73
	9	74-03333	25,904	684.3	620.8	729.9	662.1	25,081	24,800	33'-2"	10.11	42'-2"	12.86
36 Ft. (11.0 M)	4	74-03615	15,349	405.5	367.8	432.5	392.3	14,370	14,035	14'-10"	4.52	24'-8"	7.53
	5	74-03618	18,491	488.4	443.1	521.0	472.7	17,512	17,177	18'-6"	5.63	28'-5"	8.66
	6	74-03622	21,633	571.4	518.4	609.5	553.0	20,653	20,319	22'-2"	6.75	32'-0"	9.75
	7	74-03626	24,774	654.4	593.7	698.0	633.3	23,795	23,460	25'-10"	7.87	35'-8"	10.88
	8	74-03629	27,916	737.4	669.0	786.6	713.6	26,937	26,602	29'-6"	8.99	39'-5"	12.01
	9	74-03633	31,058	820.4	744.3	875.1	793.9	30,078	29,744	33'-2"	10.11	43'-0"	13.11
42 Ft. (12.8 M)	4	74-04215	21,512	568.3	515.5	606.1	549.9	20,179	19,724	14'-10"	4.52	26'-6"	8.08
	5	74-04218	25,789	681.2	618.0	726.6	659.2	24,456	24,001	18'-6"	5.63	30'-2"	9.20
	6	74-04222	30,066	794.2	720.5	847.2	768.5	28,733	28,278	22'-2"	6.75	33'-10"	10.30
	7	74-04226	34,343	907.2	823.0	967.7	877.9	33,010	32,555	25'-10"	7.87	37'-6"	11.43
	8	74-04229	38,620	1,020.2	925.5	1,088.2	987.2	37,287	36,832	29'-6"	8.99	41'-2"	12.56
	9	74-04233	42,897	1,133.1	1,028.0	1,208.7	1,096.5	41,564	41,108	33'-2"	10.11	44'-10"	13.66
48 Ft. (14.6 M)	4	74-04815	28,907	763.6	692.7	814.5	738.9	27,166	26,571	14'-10"	4.52	28'-2"	8.60
	5	74-04818	34,494	911.2	826.6	971.9	881.7	32,753	32,158	18'-6"	5.63	31'-11"	9.72
	6	74-04822	40,081	1,058.8	960.5	1,129.3	1,024.5	38,340	37,745	22'-2"	6.75	35'-6"	10.82
	7	74-04826	45,668	1,206.3	1,094.4	1,286.8	1,167.3	43,927	43,332	25'-10"	7.87	39'-2"	11.95
	8	74-04829	51,255	1,353.9	1,228.3	1,444.2	1,310.2	49,514	48,919	29'-6"	8.99	42'-11"	13.08
	9	74-04833	56,842	1,501.5	1,362.2	1,601.6	1,453.0	55,101	54,506	33'-2"	10.11	46'-6"	14.17
10	74-04837	62,429	1,649.1	1,496.0	1,759.0	1,595.8	60,688	60,093	36'-10"	11.22	50'-2"	15.30	

* **Maximum Capacity** for a bin allows for grain to be at a 28° angle of repose, starting one inch (25 mm) below the eave. The grain capacities listed above are based on ASAE Standard S413.1, with a compaction factor of 6%. Metric tons are based on ASAE Standard D241.4 of 721 kg per cubic meter for corn and 772 kg per cubic meter for wheat. Bins are designed to meet ASCE 7-10 code requirements for 105 mph (169 km/h) wind zones and UBC 97 seismic zone 1. Standard roof peak capacity for Brock's non-stiffened bins is up to 8,000 pounds (3,600 kg) depending on bin diameter and ground snow load. In the pursuit of LEADERSHIP THROUGH INNOVATION®, we reserve the right to change specifications without prior notice.

Because you will customize your grain storage system to your unique needs, not all potentially dangerous or harmful situations can be identified by Brock Grain Systems at the time the bin components and accessories are manufactured. Therefore, it is essential that you think safety first and pay close attention to all possible hazards within your storage systems.

Narrow Corrugation Bins

BROCK® Narrow Corrugation Non-Stiffened Storage Bins													
Bin Size			Maximum Capacity* Peaked Storage					Capacity with Drying or Aeration Floor (Bushels)		Eave Height		Fill Height	
Diameter (Meters)	Rings	Bin Model	Bushels	U.S. Tons Corn	Metric Tons Corn	U.S. Tons Wheat	Metric Tons Wheat	Low Floor	High Floor	Feet/ Inches	Meters	Feet/ Inches	Meters
12 Ft. (3.7 M)	3	7-01203	866	22.9	20.8	24.4	22.1	758	721	8'-2"	2.50	11'-1"	3.40
	4	7-01204	1,120	29.6	26.8	31.5	28.6	1,011	974	10'-10"	3.29	13'-9"	4.20
	5	7-01205	1,373	36.3	32.9	38.7	35.1	1,264	1,227	13'-6"	4.11	16'-5"	5.00
	6	7-01206	1,626	42.9	39.0	45.8	41.6	1,517	1,480	16'-2"	4.94	19'-1"	5.80
	7	7-01207	1,879	49.6	45.0	52.9	48.0	1,770	1,733	18'-10"	5.73	21'-9"	6.60
	8	7-01208	2,132	56.3	51.1	60.1	54.5	2,024	1,987	21'-6"	6.55	24'-5"	7.40
	9	7-01209	2,385	63.0	57.2	67.2	61.0	2,277	2,240	24'-2"	7.38	27'-1"	8.30
15 Ft. (4.6 M)	4	7-01504	1,790	47.3	42.9	50.4	45.8	1,620	1,562	10'-10"	3.29	14'-8"	4.48
	5	7-01505	2,186	57.7	52.4	61.6	55.9	2,016	1,958	13'-6"	4.11	17'-5"	5.30
	6	7-01506	2,582	68.2	61.9	72.7	66.0	2,412	2,354	16'-2"	4.94	20'-0"	6.10
	7	7-01507	2,978	78.7	71.4	83.9	76.1	2,808	2,750	18'-10"	5.73	22'-8"	6.92
	8	7-01508	3,373	89.1	80.8	95.1	86.2	3,204	3,146	21'-6"	6.55	25'-5"	7.74
	9	7-01509	3,769	99.6	90.3	106.2	96.3	3,600	3,542	24'-2"	7.38	28'-0"	8.53
	10	7-01510	4,165	110.0	99.8	117.4	106.5	3,996	3,938	26'-10"	8.17	30'-8"	9.36
11	7-01511	4,561	120.5	109.3	128.5	116.6	4,391	4,333	29'-6"	8.99	33'-5"	10.18	
18 Ft. (5.5 M)	4	7-01804	2,635	69.6	63.2	74.3	67.4	2,391	2,307	10'-10"	3.29	15'-6"	4.72
	5	7-01805	3,206	84.7	76.8	90.3	81.9	2,961	2,878	13'-6"	4.11	18'-2"	5.55
	6	7-01806	3,776	99.7	90.5	106.4	96.5	3,532	3,448	16'-2"	4.94	20'-11"	6.37
	7	7-01807	4,347	114.8	104.2	122.5	111.1	4,102	4,019	18'-10"	5.73	23'-6"	7.16
	8	7-01808	4,917	129.9	117.8	138.5	125.7	4,672	4,589	21'-6"	6.55	26'-2"	7.99
	9	7-01809	5,487	144.9	131.5	154.6	140.3	5,243	5,159	24'-2"	7.38	28'-11"	8.81
	10	7-01810	6,058	160.0	145.2	170.7	154.8	5,813	5,730	26'-10"	8.17	31'-6"	9.60
	11	7-01811	6,628	175.1	158.8	186.8	169.4	6,384	6,300	29'-6"	8.99	34'-2"	10.42
12	7-01812	7,198	190.1	172.5	202.8	184.0	6,954	6,870	32'-2"	9.81	36'-11"	11.25	
21 Ft. (6.4 M)	4	7-02104	3,666	96.8	87.8	103.3	93.7	3,333	3,219	10'-10"	3.29	16'-5"	5.00
	5	7-02105	4,442	117.3	106.5	125.2	113.5	4,109	3,996	13'-6"	4.11	19'-1"	5.82
	6	7-02106	5,219	137.9	125.1	147.0	133.4	4,886	4,772	16'-2"	4.94	21'-8"	6.61
	7	7-02107	5,995	158.4	143.7	168.9	153.3	5,663	5,549	18'-10"	5.73	24'-5"	7.44
	8	7-02108	6,772	178.9	162.3	190.8	173.1	6,439	6,325	21'-6"	6.55	27'-1"	8.26
	9	7-02109	7,549	199.4	180.9	212.7	193.0	7,216	7,102	24'-2"	7.38	29'-8"	9.05
	10	7-02110	8,325	219.9	199.5	234.6	212.8	7,993	7,879	26'-10"	8.17	32'-5"	9.88
	11	7-02111	9,102	240.4	218.1	256.5	232.7	8,769	8,655	29'-6"	8.99	35'-1"	10.70
12	7-02112	9,879	260.9	236.7	278.3	252.5	9,546	9,432	32'-2"	9.81	37'-8"	11.49	
24 Ft. (7.3 M)	4	7-02404	4,890	129.2	117.2	137.8	125.0	4,455	4,306	10'-10"	3.29	17'-4"	5.27
	5	7-02405	5,904	156.0	141.5	166.4	150.9	5,469	5,321	13'-6"	4.11	19'-11"	6.07
	6	7-02406	6,919	182.8	165.8	195.0	176.9	6,484	6,336	16'-2"	4.94	22'-7"	6.89
	7	7-02407	7,934	209.6	190.1	223.5	202.8	7,499	7,350	18'-10"	5.73	25'-4"	7.71
	8	7-02408	8,948	236.4	214.4	252.1	228.7	8,513	8,365	21'-6"	6.55	27'-11"	8.50
	9	7-02409	9,963	263.2	238.8	280.7	254.7	9,528	9,380	24'-2"	7.38	30'-7"	9.33
	10	7-02410	10,978	290.0	263.1	309.3	280.6	10,543	10,394	26'-10"	8.17	33'-4"	10.15
	11	7-02411	11,992	316.8	287.4	337.9	306.5	11,558	11,409	29'-6"	8.99	35'-11"	10.94
12	7-02412	13,007	343.6	311.7	366.5	332.5	12,572	12,424	32'-2"	9.81	38'-7"	11.77	



BROCK® Narrow Corrugation Non-Stiffened Storage Bins													
Bin Size			Maximum Capacity* Peaked Storage					Capacity with Drying or Aeration Floor (Bushels)		Eave Height		Fill Height	
Diameter (Meters)	Rings	Bin Model	Bushels	U.S. Tons Corn	Metric Tons Corn	U.S. Tons Wheat	Metric Tons Wheat	Low Floor	High Floor	Feet/ Inches	Meters	Feet/ Inches	Meters
27 Ft. (8.2 M)	4	7-02704	6,317	166.9	151.4	178.0	161.5	5,767	5,579	10'-10"	3.29	18'-1"	5.52
	5	7-02705	7,602	200.8	182.2	214.2	194.3	7,051	6,863	13'-6"	4.11	20'-10"	6.34
	6	7-02706	8,886	234.7	212.9	250.4	227.1	8,336	8,148	16'-2"	4.94	23'-6"	7.16
	7	7-02707	10,171	268.7	243.7	286.6	260.0	9,620	9,432	18'-10"	5.73	26'-1"	7.96
	8	7-02708	11,455	302.6	274.5	322.8	292.8	10,905	10,717	21'-6"	6.55	28'-10"	8.78
	9	7-02709	12,740	336.5	305.3	359.0	325.6	12,189	12,001	24'-2"	7.38	31'-6"	9.60
	10	7-02710	14,024	370.5	336.1	395.1	358.5	13,474	13,286	26'-10"	8.17	34'-1"	10.39
	11	7-02711	15,309	404.4	366.9	431.3	391.3	14,758	14,570	29'-6"	8.99	36'-10"	11.22
	12	7-02712	16,593	438.3	397.6	467.5	424.1	16,043	15,854	32'-2"	9.81	39'-6"	12.04
30 Ft. (9.1 M)	4	7-03004	7,958	210.2	190.7	224.2	203.4	7,278	7,046	10'-10"	3.29	19'-0"	5.79
	5	7-03005	9,544	252.1	228.7	268.9	244.0	8,864	8,632	13'-6"	4.11	21'-8"	6.61
	6	7-03006	11,130	294.0	266.7	313.6	284.5	10,450	10,218	16'-2"	4.94	24'-4"	7.41
	7	7-03007	12,716	335.9	304.7	358.3	325.0	12,036	11,804	18'-10"	5.73	27'-0"	8.23
	8	7-03008	14,302	377.8	342.7	403.0	365.6	13,622	13,390	21'-6"	6.55	29'-8"	9.05
	9	7-03009	15,888	419.7	380.7	447.7	406.1	15,208	14,976	24'-2"	7.38	32'-4"	9.85
	10	7-03010	17,474	461.6	418.7	492.4	446.7	16,794	16,562	26'-10"	8.17	35'-0"	10.67
	11	7-03011	19,060	503.5	456.8	537.0	487.2	18,381	18,148	29'-6"	8.99	37'-8"	11.49
	12	7-03012	20,646	545.4	494.8	581.7	527.7	19,967	19,734	32'-2"	9.81	40'-4"	12.28
	13	7-03013	22,232	587.3	532.8	626.4	568.3	21,553	21,320	34'-10"	10.61	43'-0"	13.11
33 Ft. (10.1 M)	4	7-03304	9,821	259.4	235.3	276.7	251.0	8,998	8,717	10'-10"	3.29	19'-11"	6.07
	5	7-03305	11,740	310.1	281.3	330.8	300.1	10,917	10,636	13'-6"	4.11	22'-6"	6.86
	6	7-03306	13,659	360.8	327.3	384.9	349.2	12,837	12,556	16'-2"	4.94	25'-2"	7.68
	7	7-03307	15,579	411.5	373.3	439.0	398.2	14,756	14,475	18'-10"	5.73	27'-11"	8.50
	8	7-03308	17,498	462.2	419.3	493.0	447.3	16,676	16,395	21'-6"	6.55	30'-6"	9.30
	9	7-03309	19,418	512.9	465.3	547.1	496.3	18,595	18,314	24'-2"	7.38	33'-2"	10.12
	10	7-03310	21,337	563.6	511.3	601.2	545.4	20,515	20,233	26'-10"	8.17	35'-11"	10.94
	11	7-03311	23,257	614.3	557.3	655.3	594.5	22,434	22,153	29'-6"	8.99	38'-6"	11.73
	12	7-03312	25,176	665.0	603.3	709.4	643.5	24,353	24,072	32'-2"	9.81	41'-2"	12.56
	13	7-03313	27,096	715.7	649.3	763.5	692.6	26,273	25,992	34'-10"	10.61	43'-11"	13.38

(Narrow Corrugation models continue on page 6)

* **Maximum Capacity** for a bin allows for grain to be at a 28° angle of repose, starting one inch (25 mm) below the eave. The grain capacities listed above are based on ASAE Standard S413.1, with a compaction factor of 6%. Metric tons are based on ASAE Standard D241.4 of 721 kg per cubic meter for corn and 772 kg per cubic meter for wheat. Bins are designed to meet ASCE 7-10 code requirements for 105 mph (169 km/h) wind zones and UBC 97 seismic zone 1. Standard roof peak capacity for Brock's non-stiffened bins is up to 8,000 pounds (3,600 kg) depending on bin diameter and ground snow load. In the pursuit of LEADERSHIP THROUGH INNOVATION®, we reserve the right to change specifications without prior notice.

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Narrow Corrugation Bins

(Continued from page 5)

BROCK® Narrow Corrugation Non-Stiffened Storage Bins													
Bin Size			Maximum Capacity* Peaked Storage					Capacity with Drying or Aeration Floor (Bushels)		Eave Height		Fill Height	
Diameter (Meters)	Rings	Bin Model	Bushels	U.S. Tons Corn	Metric Tons Corn	U.S. Tons Wheat	Metric Tons Wheat	Low Floor	High Floor	Feet/ Inches	Meters	Feet/ Inches	Meters
36 Ft. (11.0 M)	4	7-03604	11,915	314.7	285.5	335.7	304.6	10,936	10,602	10'-10"	3.29	20'-8"	6.31
	5	7-03605	14,200	375.1	340.3	400.1	363.0	13,221	12,886	13'-6"	4.11	23'-5"	7.13
	6	7-03606	16,484	435.4	395.0	464.5	421.4	15,505	15,171	16'-2"	4.94	26'-0"	7.92
	7	7-03607	18,769	495.8	449.8	528.8	479.8	17,790	17,455	18'-10"	5.73	28'-8"	8.75
	8	7-03608	21,054	556.1	504.5	593.2	538.2	20,075	19,740	21'-6"	6.55	31'-5"	9.57
	9	7-03609	23,338	616.5	559.3	657.6	596.6	22,359	22,024	24'-2"	7.38	34'-0"	10.36
	10	7-03610	25,623	676.8	614.0	722.0	655.0	24,644	24,309	26'-10"	8.17	36'-8"	11.19
	11	7-03611	27,907	737.2	668.8	786.3	713.4	26,928	26,594	29'-6"	8.99	39'-5"	12.01
	12	7-03612	30,192	797.5	723.5	850.7	771.7	29,213	28,878	32'-2"	9.81	42'-0"	12.80
	13	7-03613	32,476	857.9	778.3	915.1	830.1	31,497	31,163	34'-10"	10.61	44'-8"	13.62
42 Ft. (12.8 M)	4	7-04204	16,838	444.8	403.5	474.4	430.4	15,505	15,050	10'-10"	3.29	22'-6"	6.86
	5	7-04205	19,948	526.9	478.0	562.1	509.9	18,615	18,160	13'-6"	4.11	25'-2"	7.68
	6	7-04206	23,058	609.1	552.6	649.7	589.4	21,726	21,270	16'-2"	4.94	27'-10"	8.47
	7	7-04207	26,169	691.3	627.1	737.3	668.9	24,836	24,380	18'-10"	5.73	30'-6"	9.30
	8	7-04208	29,279	773.4	701.6	825.0	748.4	27,946	27,490	21'-6"	6.55	33'-2"	10.12
	9	7-04209	32,389	855.6	776.2	912.6	827.9	31,056	30,600	24'-2"	7.38	35'-10"	10.91
	10	7-04210	35,499	937.7	850.7	1,000.2	907.4	34,166	33,711	26'-10"	8.17	38'-6"	11.73
	11	7-04211	38,609	1,019.9	925.2	1,087.9	986.9	37,276	36,821	29'-6"	8.99	41'-2"	12.56
	12	7-04212	41,719	1,102.0	999.8	1,175.5	1,066.4	40,386	39,931	32'-2"	9.81	43'-10"	13.35
	13	7-04213	44,829	1,184.2	1,074.3	1,263.1	1,145.9	43,497	43,041	34'-10"	10.61	46'-6"	14.17
48 Ft. (14.6 M)	4	7-04804	22,802	602.3	546.4	642.5	582.8	21,060	20,465	10'-10"	3.29	24'-2"	7.38
	5	7-04805	26,864	709.6	643.8	756.9	686.7	25,123	24,528	13'-6"	4.11	26'-11"	8.20
	6	7-04806	30,927	817.0	741.1	871.4	790.5	29,186	28,591	16'-2"	4.94	29'-6"	8.99
	7	7-04807	34,990	924.3	838.5	985.9	894.4	33,249	32,654	18'-10"	5.73	32'-2"	9.81
	8	7-04808	39,053	1,031.6	935.9	1,100.4	998.2	37,312	36,717	21'-6"	6.55	34'-11"	10.64
	9	7-04809	43,116	1,138.9	1,033.2	1,214.8	1,102.1	41,375	40,779	24'-2"	7.38	37'-6"	11.43
	10	7-04810	47,179	1,246.2	1,130.6	1,329.3	1,206.0	45,437	44,842	26'-10"	8.17	40'-2"	12.25
	11	7-04811	51,241	1,353.6	1,227.9	1,443.8	1,309.8	49,500	48,905	29'-6"	8.99	42'-11"	13.08
	12	7-04812	55,304	1,460.9	1,325.3	1,558.3	1,413.7	53,563	52,968	32'-2"	9.81	45'-6"	13.87
	13	7-04813	59,367	1,568.2	1,422.7	1,672.7	1,517.5	57,626	57,031	34'-10"	10.61	48'-2"	14.69
54 Ft. (16.5 M)	4	75-05404	29,880	789.3	716.1	841.9	763.8	27,677	26,923	10'-10"	3.29	24'-10"	7.56
	5	75-05405	35,023	925.1	839.3	986.8	895.2	32,819	32,066	13'-6"	4.11	27'-6"	8.38
	6	75-05406	40,165	1,061.0	962.5	1,131.7	1,026.7	37,961	37,208	16'-2"	4.94	30'-2"	9.20
	7	75-05407	45,308	1,196.8	1,085.7	1,276.6	1,158.1	43,104	42,351	18'-10"	5.73	32'-10"	10.00
	8	75-05408	50,450	1,332.7	1,209.0	1,421.5	1,289.6	48,246	47,493	21'-6"	6.55	35'-6"	10.82
	9	75-05409	55,593	1,468.5	1,332.2	1,566.4	1,421.0	53,389	52,635	24'-2"	7.38	38'-2"	11.64
	10	75-05410	60,735	1,604.3	1,455.4	1,711.3	1,552.5	58,531	57,778	26'-10"	8.17	40'-10"	12.44
	11	75-05411	65,877	1,740.2	1,578.7	1,856.2	1,683.9	63,674	62,920	29'-6"	8.99	43'-6"	13.26
	12	75-05412	71,020	1,876.0	1,701.9	2,001.1	1,815.4	68,816	68,063	32'-2"	9.81	46'-2"	14.08

* **Maximum Capacity** for a bin allows for grain to be at a 28° angle of repose, starting one inch (25 mm) below the eave. The grain capacities listed above are based on ASAE Standard S413.1, with a compaction factor of 6%. Metric tons are based on ASAE Standard D241.4 of 721 kg per cubic meter for corn and 772 kg per cubic meter for wheat. Bins are designed to meet ASCE 7-10 code requirements for 105 mph (169 km/h) wind zones and UBC 97 seismic zone 1. Standard roof peak capacity for Brock's non-stiffened bins is up to 8,000 pounds (3,600 kg) depending on bin diameter and ground snow load. In the pursuit of LEADERSHIP THROUGH INNOVATION®, we reserve the right to change specifications without prior notice.

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Hopper-Bottom Holding Bins



BROCK® Narrow Corrugation Non-Stiffened Hopper-Bottom Bins						
Bin Size		Maximum Capacity* Peaked Storage			Fill Height	
Diameter (Meters)	Bin Model	Bushels	U.S. Tons Corn	Metric Tons Corn	Feet/ Inches	Meters
9 Ft. (2.7 M) 45° Hopper Angle	45-00931	259	9	6.2	11' - 10"	3.61
	45-00932	401	13	9.6	14' - 6"	4.42
	45-00933	543	18	13.0	17' - 2"	5.23
	45-00934	685	23	16.4	19' - 10"	6.05
	45-00935	828	28	19.8	22' - 6"	6.86
	45-00936	970	32	23.3	25' - 2"	7.67
	45-00937	1112	37	26.7	27' - 10"	8.48
	45-00938	1254	42	30.1	30' - 6"	9.30
	45-00939	1396	46	33.5	33' - 2"	10.11
	45-009310	1539	51	36.9	35' - 10"	10.92
45-009311	1681	56	40.3	38' - 6"	11.74	
12 Ft. (3.7 M) 45° Hopper Angle	45-01231	532	18	12.8	14' - 2"	4.32
	45-01232	785	26	18.8	16' - 10"	5.13
	45-01233	1038	35	24.9	19' - 6"	5.94
	45-01234	1291	43	31.0	22' - 2"	6.76
	45-01235	1544	51	37.0	24' - 10"	7.57
	45-01236	1798	60	43.1	27' - 6"	8.38
	45-01237	2051	68	49.2	30' - 2"	9.19
	45-01238	2304	77	55.2	32' - 10"	10.01
	45-01239	2557	85	61.3	35' - 6"	10.82
	45-012310	2810	93	67.4	38' - 2"	11.63
45-012311	3063	102	73.5	40' - 10"	12.45	
12 Ft. (3.7 M) 60° Hopper Angle	45-01201	674	22	16.2	19' - 5"	5.92
	45-01202	927	31	22.2	22' - 1"	6.73
	45-01203	1180	39	28.3	24' - 9"	7.54
	45-01204	1433	48	34.4	27' - 5"	8.36
	45-01205	1686	56	40.4	30' - 1"	9.17
	45-01206	1939	64	46.5	32' - 9"	9.98
	45-01207	2193	73	52.6	35' - 5"	10.80
	45-01208	2446	81	58.6	38' - 1"	11.61
	45-01209	2699	90	64.7	40' - 9"	12.42
	45-012010	2952	98	70.8	43' - 5"	13.23
45-012011	3205	107	76.9	46' - 1"	14.05	
15 Ft. (4.6 M) 45° Hopper Angle	45-01532	1341	45	32.2	19' - 2"	5.84
	45-01533	1737	58	41.6	21' - 10"	6.65
	45-01534	2133	71	51.1	24' - 6"	7.47
	45-01535	2529	84	60.6	27' - 2"	8.28
	45-01536	2925	97	70.1	29' - 10"	9.09
	45-01537	3321	110	79.6	32' - 6"	9.91
	45-01538	3716	124	89.1	35' - 2"	10.72
45-01539	4112	137	98.6	37' - 10"	11.53	
15 Ft. (4.6 M) 60° Hopper Angle	45-01502	1609	53	38.6	25' - 10"	7.87
	45-01503	2005	67	48.1	28' - 6"	8.69
	45-01504	2400	80	57.5	31' - 2"	9.50
	45-01505	2796	93	67.0	33' - 10"	10.31
	45-01506	3192	106	76.5	36' - 6"	11.13
	45-01507	3588	119	86.0	39' - 2"	11.94
	45-01508	3984	132	95.5	41' - 10"	12.75
	45-01509	4,382	115.7	105.0	44'-6"	13.56
	45-015010	4,778	126.2	114.5	47'-2"	14.37

BROCK® Narrow Corrugation Non-Stiffened Hopper-Bottom Bins						
Bin Size		Maximum Capacity* Peaked Storage			Fill Height	
Diameter (Meters)	Bin Model	Bushels	U.S. Tons Corn	Metric Tons Corn	Feet/ Inches	Meters
18 Ft. (5.5 M) 45° Hopper Angle	45-01832	2092	70	50.2	21' - 7"	6.58
	45-01833	2662	89	63.8	24' - 3"	7.39
	45-01834	3233	107	77.5	26' - 11"	8.20
	45-01835	3803	126	91.2	29' - 7"	9.02
	45-01836	4373	145	104.8	32' - 3"	9.83
	45-01837	4944	164	118.5	34' - 11"	10.64
	45-01838	5514	183	132.2	37' - 7"	11.46
	45-01839	6085	202	145.9	40' - 3"	12.27
	21 Ft. (6.4 M) 45° Hopper Angle	45-02132	3072	102	73.6	24' - 0"
45-02133		3849	128	92.3	26' - 8"	8.13
45-02134		4625	154	110.9	29' - 4"	8.94
45-02135		5402	180	129.5	32' - 0"	9.75
45-02136		6179	205	148.1	34' - 8"	10.57
45-02137		6955	231	166.7	37' - 4"	11.38
45-02138		7732	257	185.3	40' - 0"	12.19

*Maximum Capacity for a bin allows for grain to be at a 28° angle of repose, starting one inch (25 mm) below the eave. The grain capacities listed above are based on ASAE Standard S413.1, with a compaction factor of 6%. Metric tons are based on ASAE Standard D241.4 of 721 kg per cubic meter for corn and 772 kg per cubic meter for wheat. Standard and optional holding bin roof styles are available as follows:

On-Farm Holding Bin Roof Style	Roof Peak Capacity Rating	Standard Roof Style for Bin Diameters	Optional Roof Style for Bin Diameters
Feed Bin Roof	500 to 1,000 lbs (225-450 kg)	9 to 15 feet (2.7-4.6 m)	
3-Panel Ribbed Roof	1,000 lbs (450 kg)	18 to 21 feet (5.5-6.4 m)	12 to 15 feet (3.7-4.6 m)
4-Panel Ribbed Roof	4,000 lbs (1,800 kg)		15 to 21 feet (4.6-6.4 m)

Roof peak capacity ratings are based on ground snow loads of 40 pounds per square foot (195 kg per square meter). Bins are designed to meet ASCE 7-10 code requirements for 105 mph (169 km/h) wind zones and UBC 97 seismic zone 1. In the pursuit of LEADERSHIP THROUGH INNOVATION®, we reserve the right to change specifications without prior notice.

NOTE: Hopper-bottom bins and silos are designed for the storage of free-flowing materials only. Soybean meal, meat scraps, and many other materials are NOT considered free-flowing and must use approved unloading equipment. Call Brock Grain Systems for approved unloading equipment. Any questions regarding the flowability of different materials should be directed to the material manufacturer. Because you will customize your grain storage system to your unique needs, not all potentially dangerous or harmful situations can be identified by Brock Grain Systems at the time the bin components and accessories are manufactured. Therefore, it is essential that you think safety first and pay close attention to all possible hazards within your storage systems.

Need More Capacity? Ask About Brock's Commercial Hopper-Bottom Bins In Diameters From 15 To 36 Feet (4.6 To 11 M).

A Full Line of Brock Solid® Solutions



Storage

- Stiffened & Non-stiffened Grain Bins
- Stiffened & Non-stiffened Hopper Bins
- Temporary Storage
- Bin Access Doors
- Grain Aeration Floors

Handling

- Grain Sweeps
- Grain Conveyors
- Bin Unloading Systems
- Bucket Elevators
- Distributors & Accessories

Conditioning

- Low-Profile Grain Dryers
- Tower Grain Dryers
- Centrifugal & Axial Fans
- Heaters
- Controls

Structures

- Catwalks
- Bucket Elevator Towers & Stairways
- EVERLOC® Roof Mount System
- Support Towers
- Slot & Tab Construction

For 60 years, farmers have counted on Brock for reliable, quality grain storage. That focus on providing dependability has led to technological advances and expansion through the years, resulting in the full line of grain facility solutions that are available today.

Whether you're a farmer interested in a grain dryer or a commercial operator in need of grain storage equipment, you'll find the quality you've come to expect and the trusted integrity you deserve.



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