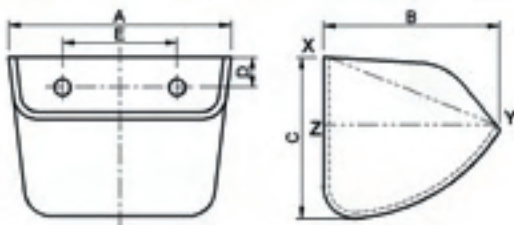


DS Type HDPE/NYLON/PU



FEATURES

- Deep bottom bucket for agricultural use.
- Ideal for handling grains, feeds, fertilizers, seeds, salt and chemicals, etc.



Usage Recommendations

- *Minimum bucket spacing: bucket depth "C" +10mm.*
- *For engineering purposes, we recommend using "(Z-Y) +10%" for usable capacity.*
- *Mounting holes can be customised on request.*
- *Venting holes are available in 5 patterns on request*

TECHNICAL SPECIFICATIONS

Model	Bucket Dimension* (mm)			Mounting Holes (mm)				Capacity (L)			Carton Packaging	
	Length A	Proj. B	Depth C	Center to Center E	Number of Holes	Hole Diameter	Distance Down D	X-Y	(Z-Y)+10%	Z-Y	Dimension L X W X H (mm)	Quantity per Carton
DS0705	78	55	71	40	2	7	20	0.16	0.07	0.06	650x430x450	700
DS0807	90	75	64	50	2	7	20	0.25	0.15	0.14	650x430x450	625
DS1009A	106	92	88	50	2	7	25	0.42	0.29	0.26	650x430x450	320
DS1009	100	90	93	50	2	7	24	0.40	0.29	0.26	650x430x450	500
DS1109	116	92	85	60	2	7	25	0.42	0.30	0.27	650x430x450	320
DS1307	130	75	80	60	2	7	25	0.40	0.24	0.22	650x450x500	288
DS1309	130	90	80	60	2	7	25	0.50	0.25	0.23	650x450x500	300
DS1311A	134	115	94	60	2	7	35	0.75	0.56	0.51	650x450x500	156
DS1311	134	115	94	60	2	7	35	0.75	0.56	0.51	650x450x500	156
DS1508	152	84	78	76	2	7	18	0.43	0.28	0.26	650x450x500	182
DS1511	150	110	100	80	2	7	35	0.90	0.62	0.56	650x450x500	180
DS1612	165	120	110	90	2	7	40	1.05	0.68	0.62	650x450x500	135
DS1613	164	139	124	90	2	7	40	1.40	1.12	1.02	650x450x500	90
DS1812	188	125	115	120	2	9	40	1.30	0.73	0.66	650x450x500	90

Model	Bucket Dimension* (mm)			Mounting Holes (mm)				Capacity (L)			Carton Packaging	
	Length A	Proj. B	Depth C	Center to Center E	Number of Holes	Hole Diameter	Distance Down D	X-Y	(Z-Y)+10%	Z-Y	Dimension L X W X H (mm)	Quantity per Carton
DS1814	188	140	130	120	2	9	40	1.70	1.49	1.35	650x430x450	60
DS2010	202	102	98	120	2	7	20	0.91	0.66	0.60	650x430x450	60
DS2014	208	140	120	120	2	9	40	1.80	1.21	1.10	650x430x450	60
DS2312	235	125	125	120	2	9	40	1.90	1.32	1.20	650x450x500	60
DS2314	235	140	130	85	3	9	40	2.27	1.60	1.45	650x450x500	54
DS2316	238	166	154	85	3	9	45	3.00	1.85	1.68	650x430x450	40
DS2511	250	114	115	125	2	7	25	1.50	0.99	0.90	650x450x500	108
DS2616	266	166	154	90	3	9	45	3.30	2.30	2.09	650x430x450	40
DS2812	280	125	130	100	3	9	40	2.40	1.78	1.62	650x430x450	40
DS2814	280	140	139	100	3	9	40	2.70	1.87	1.70	650x430x450	40
DS2816	282	168	154	100	3	9	45	3.70	3.01	2.74	650x450x500	36
DS2823	289	230	190	100	3	9	55	6.70	4.85	4.41	650x450x500	20
DS2916	297	170	155	110	3	9	45	4.00	2.77	2.52	650x450x500	25
DS2919	295	197	178	75	4	9	50	5.80	4.72	4.29	650x430x450	20
DS3114	312	147	146	80	4	9	45	3.26	2.30	2.09	650x450x500	38
DS3116	313	168	154	85	4	9	45	4.40	3.09	2.81	650x450x500	38
DS3118	315	190	175	85	4	9	45	5.10	3.52	3.20	650x430x450	20
DS3121	315	220	200	85	4	9	55	7.40	6.12	5.56	650x450x500	16
DS3518	358	190	180	95	4	9	50	6.80	5.09	4.63	650x430x450	16
DS3621	365	220	200	95	4	9	55	8.50	7.10	6.45	650x430x450	14
DS4118	419	190	180	85	5	9	50	8.40	5.64	5.13	650x430x450	18
DS4121	418	222	200	85	5	9	55	10.40	8.77	7.97	650x430x450	10
DS4621	460	220	200	95	5	9	55	11.70	9.57	8.70	650x450x500	12
DS4822	480	223	210	76	6	9	68	13.00	9.24	8.40	650x440x500	10

* Actual dimensions of the buckets will vary slightly depending on specified raw material. The dimensions shown above are for HDPE buckets. Size A, B and C for Nylon and Urethane buckets will be about dimensionally 2% larger than HDPE buckets.

Elevator Buckets

Over 12 different bucket styles available for agricultural and industrial applications.

A direct replacement for many other international brands.

Unique bucket design with multiple patents.

Our buckets are well regarded worldwide for their high quality to price ratio.



BUCKET MATERIAL OPTIONS

Material	Mild Steel	Stainless	HDPE	Nylon 6	Reinforced Nylon	PU
Cost	■■■	■■■■	■	■■■	■■■■	■■■■
Wear Resistance	■■■	■■■■	■	■■■	■■■■	■■■■
Impact Resistance	■■■	■■■	■	■■■	■■■■	■■■
FDA Food Approved	X	√	√	√	√	X
Max Temp °C Continuous	180+	250+	70	100	110	60
Max Temp °C Peak	220	400	80	120	130	70

HDPE: Tough and flexible, suitable for handling grains, foodstuffs, and other products with no sharp edges and material that has a bulk density of less than 1g/cm³.

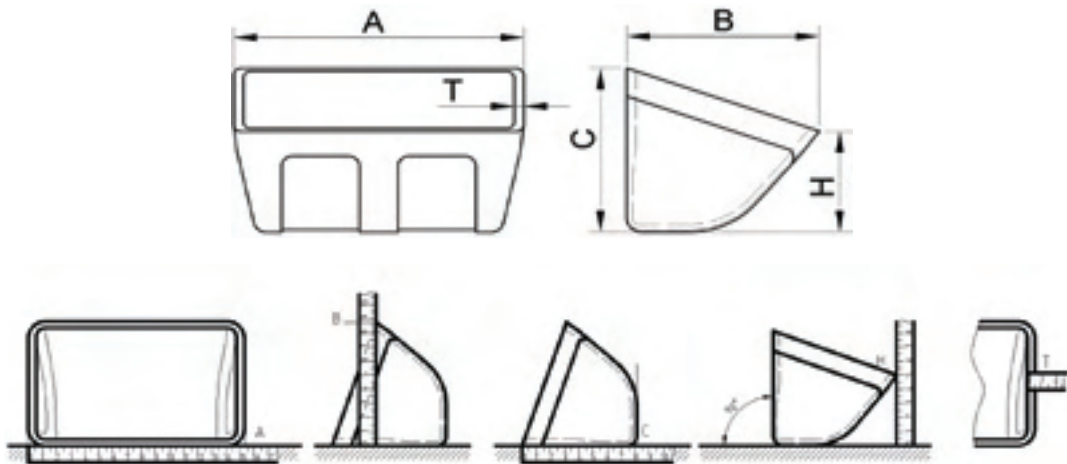
Nylon: High impact and abrasion resistance, better heat resistance and are well suited for handling hot, abrasive and sticky products.

PU: Extremely abrasion resistance, tough and flexible, and are suitable for handling sharp, cutting and sticky products.

Mild Steel: General purpose, long life, well suited to agricultural and industrial products.

Stainless Steel: Food grade, corrosive resistance, suitable for food and high temperature applications.

MEASURE AN ELEVATOR BUCKET



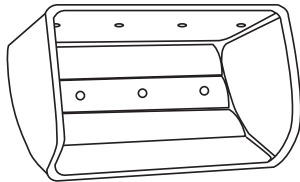
ELEVATOR BUCKET VENTING

Bucket with venting holes can improve the efficiency of some bucket elevators when handling certain products. On dense materials such as flour, meals, and mash feeds, the vents allow air to escape through the cup as it fills, which permits the cup to fill more completely. During discharge, air can return through the cups as it empties, thus preventing a vacuum that could hold some of the products in the cup and cause backlegging.

On extremely light materials such as alfalfa meal, screenings and bran, a vented bucket not only minimizes blowing of the product during loading and discharge, but also reduces air turbulence in the leg as the bucket travels empty down the return side of the elevator. A reduction in air currents minimizes the vacuum which can draw a light product through the down leg and back to the boot.

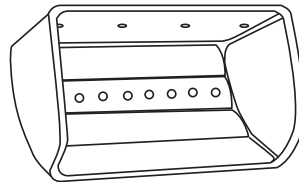
Four standard patterns air available. Customised patterns are available upon request.

Venting Options



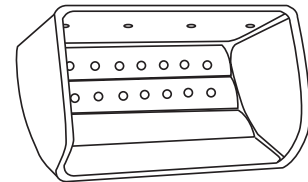
Vent Pattern 1

One row of 6mm or 8mm holes in body with same hole center and number of holes as mounting holes in back.



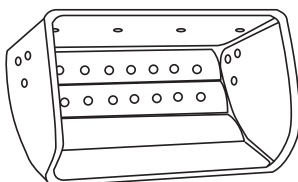
Vent Pattern 2

One row of 6mm or 8mm holes in body on 25mm centers.



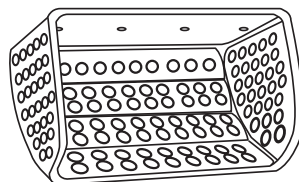
Vent Pattern 3

Two rows of 6mm or 8mm holes in body on 25mm centers.



Vent Pattern 4

Two rows of 6mm or 8mm holes in body on 25mm centers, three holes of 6mm or 8mm on each side.



Custom Vent

Vented as required.

