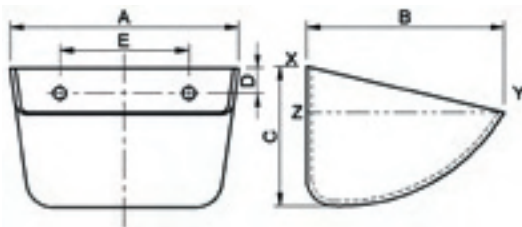


DQ Type HDPE/NYLON/PU

FEATURES



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



Usage Recommendations

- Minimum bucket spacing: bucket depth "C" +5mm.
- For engineering purposes, we recommend using " $(Z-Y) + 5\%$ " 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)+5%	Z-Y	Dimension L X W X H (mm)	Quantity per Carton
DQ1009	106	93	66	50	2	7	25	0.40	0.22	0.21	650x450x350	525
DQ1311	136	114	72	60	2	7	25	0.50	0.32	0.30	650x430x450	240
DQ1312	138	120	91	60	2	7	30	0.80	0.64	0.61	650x450x500	276
DQ1814	186	140	87	100	2	9	30	1.13	0.82	0.78	650x430x450	150
DQ1914	190	145	115	100	2	9	35	1.60	1.26	1.20	650x430x450	72
DQ2312	234	125	95	120	2	9	35	1.50	1.16	1.10	650x450x500	78
DQ2316	238	160	102	120	2	9	35	1.90	1.38	1.31	650x430x450	100
DQ2417	248	178	120	120	2	9	40	2.60	2.30	2.18	650x450x500	60
DQ2616	260	167	144	80	3	9	50	2.20	1.32	1.25	650x450x350	24
DQ2817	290	178	120	90	3	9	40	3.35	2.63	2.50	650x450x350	40
DQ2824	289	244	166	100	3	9	45	6.40	5.90	5.60	650x450x500	24
DQ3321	337	215	140	85	4	9	40	5.50	3.90	3.70	650x450x350	28
DQ3325	339	259	170	85	4	9	50	8.50	6.90	6.55	650x450x350	12
DQ3823	382	230	165	100	4	9	45	8.00	6.30	6.00	650x450x500	22
DQ3917	393	170	130	100	4	9	40	5.00	3.42	3.25	650x450x500	27
DQ4423	447	230	165	90	5	9	45	9.20	7.67	7.30	650x450x500	16
DQ4723	475	230	164	95	5	9	45	10.00	8.50	8.10	650x450x500	18
DQ4726	470	260	170	95	5	9	50	11.5	9.90	9.40	650x450x500	12
DQ5021	519	225	168	100	5	11	50	10.76	9.46	8.60	650x450x500	12
DQ5626	569	260	170	115	5	11	50	15.0	12.35	11.75	600x430x570	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.

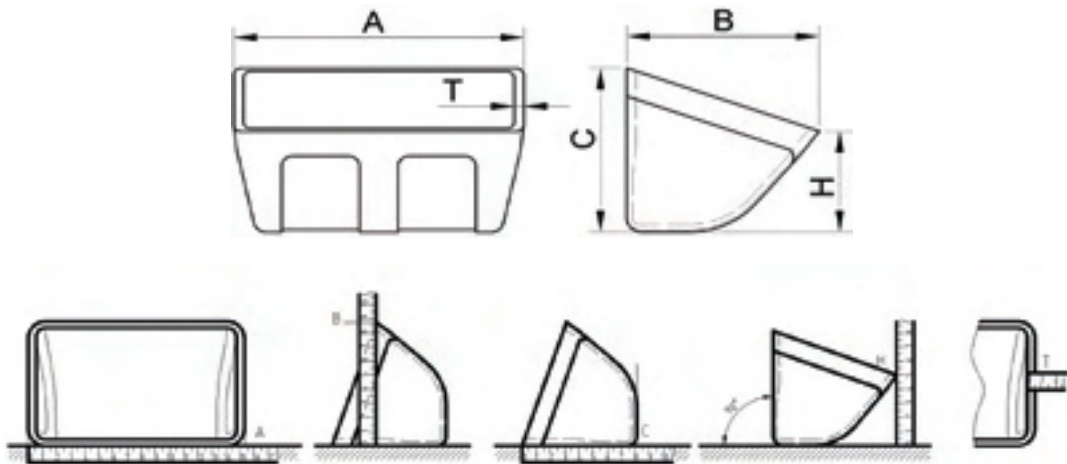
Nylon: High impact and abrasion resistance, better heat resistance and are well suited for handling hot, abrasive and sticky products.

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



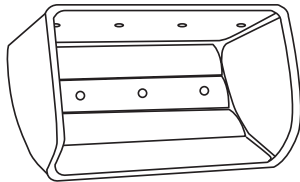
ELEVATOR BUCKET VENTING

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.

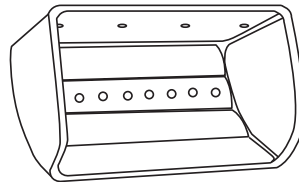
Four standard patterns air available. Customised patterns are available upon request.

Venting Options



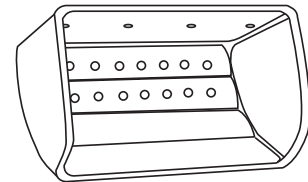
Vent Pattern 1

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



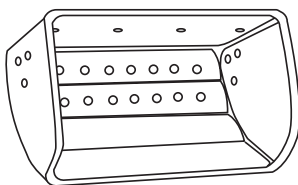
Vent Pattern 2

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



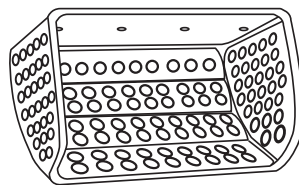
Vent Pattern 3

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.

