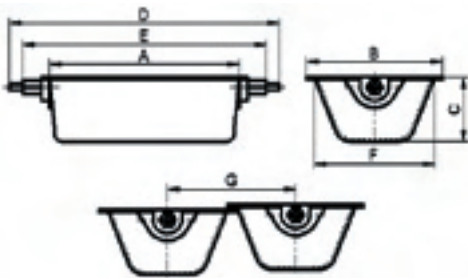


## DL Type PP/NYLON



### FEATURES

- Specially designed for chain conveyors with horizontal product transmission.
- Commonly used in applications when minimal product damage is required or in situation where loading and discharging of the product is difficult.
- Ideal for handling grains, feeds, fertilizers, seeds, salt and chemicals, etc.



#### Usage Recommendations

- Dimension "G" refers to the conveyor chain pitch in the chain conveyors.
- Consult our engineer for the installation of DL buckets as various dimensions and figures are to be considered.

### TECHNICAL SPECIFICATIONS

Model	Bucket Dimension* (mm)							Capacity (L)	Carton Packaging	
	Length A	Proj. B	Depth C	D	E	F	G		Dimension L X W X H (mm)	Quantity per Carton
DL2412	246	132	61	/	282	122	130	1.20	650x430x450	60
DL2619	260	190	78.5	341	309	190	193	2.34	650x430x450	50
DL3115	310	160	78	/	354	149	158	2.30	650x450x500	40
DL3219	330	200	110	/	373	173	190	3.19	650x450x500	30
DL3319	368	198	103	440	400	173	190	4.00	650x450x500	20
DL3821	384	213	125	480	430	195	207	4.80	650x450x500	24
DL4013	406	133	69	/	430	110	125	2.00	650x450x500	40
DL6323	651	236	120	762	717	205	224	11.00	770x480x450	12

\* Actual dimensions of the buckets will vary slightly depending on specified raw material. The dimensions shown above are for PP buckets. Size A, B and C for Nylon buckets will be about dimensionally 2% larger than PP 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/cm<sup>3</sup>.

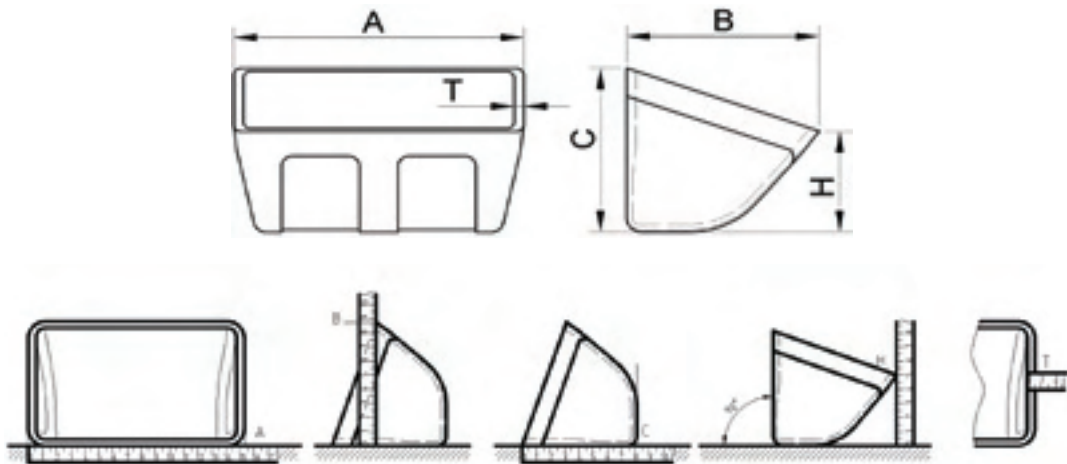
**Nylon:** High impact and abrasion resistance, better heat resistance and are well suited for handling hot, abrasive and sticky products.

**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



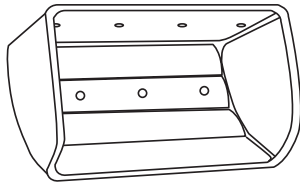
## ELEVATOR BUCKET VENTING

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.

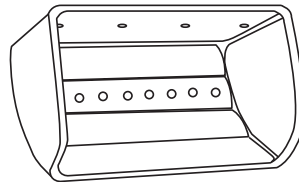
Four standard patterns air available. Customised patterns are available upon request.

### Venting Options



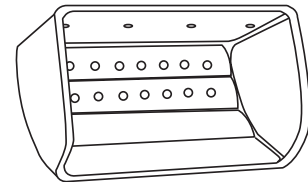
**Vent Pattern 1**

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



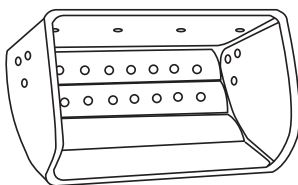
**Vent Pattern 2**

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



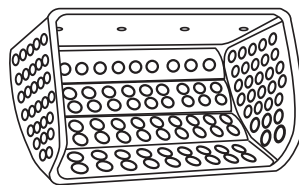
**Vent Pattern 3**

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.

