

MF Continuous Style Elevator Bucket

Continuous Style - Heavy Duty Toughened Nylon Bucket

APPLICATION

Medium continuous style front design, industrial duty toughened nylon bucket. Designed for heavy or light industrial pellets and light agricultural applications.

FEATURES

- ▶ Continuous style
- ▶ Injection molded for uniformity
- ▶ Made from toughened nylon, high-density polyethylene (HDP) or urethane
- ▶ Corrosion and abrasion resistant
- ▶ Maximum operating temperatures:
Continuous - Nylon 212°F, HDP 158°F, Polyethylene 140°F
Peak - Nylon 248°F, HDP 176°F, Polyethylene 158°F

ACCESSORIES

- ▶ Bolts - Norway, Fanged, Euro or Easifit
- ▶ Washers & Nuts
- ▶ Belting - Rubber, PVC, Steel Web
- ▶ Belt Fasteners

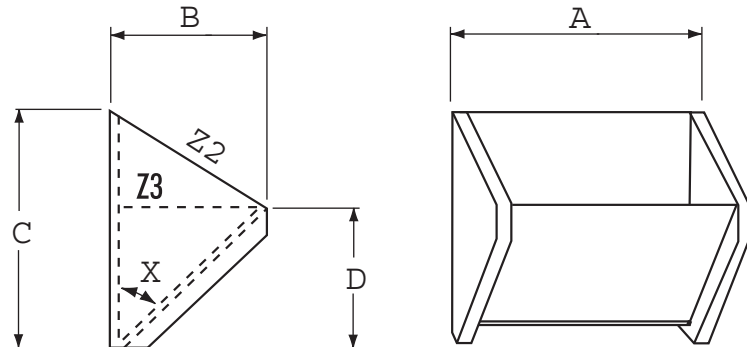


FREE

Elevator & Conveyor Engineering Design Service

Take advantage of 4B's free, guaranteed worldwide technical support service from a team of material handling engineers specializing in the design and upgrade of bucket elevators and conveyors.

Whether you want a new elevator design, or just want to increase the capacity and performance of your existing elevator, our engineers can help.

TECHNICAL SPECIFICATIONS
MF Continuous Style Elevator Bucket


Bucket Size	Part #		Dimensions (inches)			Capacity (in ³)		Weight (Lbs.)
	Nylon	HDP	Length A	Projection B	Back Depth C	Gross	Water Level	
8 x 5	MFCN085	MFCP085	8-1/4	5-1/2	7-1/2	122.06	80.56	1.97
10 x 5	MFCN105	MFCP105	10-1/4	5-1/2	7-1/2	144.64	94.90	2.32
12 x 7	MFCN127	MFCP127	12-1/4	7-1/2	11-1/2	370.88	172.63	4.00
14 x 7	MFCN147	MFCP147	14-1/4	7-1/2	11-1/2	436.15	201.30	4.53
16 x 7	MFCN167	MFCP167	16-1/4	7-1/2	11-1/2	503.55	238.81	4.97
18 x 7	MFCN187	MFCP187	18-1/4	7-1/2	11-1/2	530.40	244.31	5.83
12 x 8	MFCN128	MFCP128	12-1/4	8-1/2	11-3/4	462.53	274.60	4.81
14 x 8	MFCN148	MFCP148	14-1/4	8-1/2	11-3/4	554.67	335.61	5.26
16 x 8	MFCN168	MFCP168	16-1/4	8-1/2	11-3/4	646.81	396.63	5.81
18 x 8	MFCN208	MFCP208	18-1/4	8-1/2	11-3/4	738.95	467.65	6.77

Material: Injection Molding Nylon, Urethane or High Density Polyethylene (HDP)

Bolt Holes: Drilled to customer's requirements

Venting: Mounting holes and venting to your specifications

Formula for Quick Capacity Estimate

$$* \text{ Cu Ft/Hr} = \frac{** \text{ bucket capacity (in}^3\text{)}}{1728} \times \frac{12}{\text{bucket spacing (in)}} \times \text{Belt Speed (ft/min) x 60}$$

** Elevator production calculated with the bucket usable capacity figure. However, actual capacity depends on the material being elevated and on the elevator belt speed/pulley diameter and head/intake design.

Please refer to instruction manual for correct installation. Information subject to change or correction. March 2008.