DOYON

SPIRAL MIXER

Spiral Mixer, 120 Lb. Dough Capacity, 2 Speeds, Programmable Digital Control, Stationary Stainless Steel Bowl, Safety Guard & Dough Hook, Cast Iron Frame with Enamel Coated Steel Finish, 4 HP, 208-240/60/1P/18A, NEMA 6-30P

PROJECT _____

ITEM NO. _____

NOTES _____

MODEL NUMBER: AEF035SP , AEF035

FEATURES

- ☐ Unique Easy to Use Digital Control
  - 2 Speeds (no need to stop mixer to change speed)
  - 99 Minute Mixing Timer
  - 9 Programmable Speed & Time Settings
- ☐ Emergency Stop
- ☐ Stainless Steel 77 Quart Bowl with Rounded Center Post
- ☐ Stainless Steel Dough Hook
- ☐ Integrated Standard Bowl Drain
- ☐ Wire Guard for Bowl Featuring Automatic Motor Cut-Off Switch
- ☐ Thermal Overload Protection for Motor
- ☐ Non-Slipping Belt Driven Motor
- ☐ Jog & Reverse Standard on AEF035 (not available on AEF035SP)

CONSTRUCTION

- ☐ Heavy Duty Frame with Lead-Free Enamel Coating
- ☐ S/S Legs to Prevent Rusting
- ☐ Carbon Steel Frame

OPTIONS & ACCESSORIES

- ☐ Stainless Steel Construction [Suffix I]
- ☐ Paddle w/Scraper (Installed by Factory) [AEF035P & AEF035S]
- ☐ #12 Hub Attachment (uses BTF accessories)

CLEARANCES

- ☐ 6” (152mm) On All Sides
- ☐ Top & Bottom Must Remain Unobstructed
- ☐ Note Additional Clearance Requirements if Utilizing #12 Hub Attachment

WARRANTY

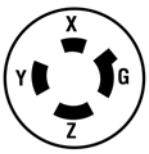
- ☐ One Year Labor & Two Year Parts

Model	Weight	Overall Dimensions			Motor HP	Hub	Dough Capacity (60% AR)
		W	D	H			
AEF035SP	756 (343)	22.44” (570)	41.14” (1045)	49.72” 1263)	5.3 & 1	YES	110 lbs (50 kg)
AEF035	756 (343)	22.44” (570)	41.14” (1045)	49.72” 1263)	3.3 & 1	YES	110 lbs (50 kg)

Model	Electrical System					
	Volts	Amps	Phase	Hz	kW	NEMA
AEF035SP	208 240	18	1	50/60	4.75	6-30P
AEF035	208 240	14	3	50/60	3.2	L15-20P

NEMA 6-30P

NEMA L15-20P



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

KCL & REVIT DRAWINGS UPON REQUEST

REVISION B| 5/14/2021

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Doyon

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PROJECT _____

ITEM NO. _____

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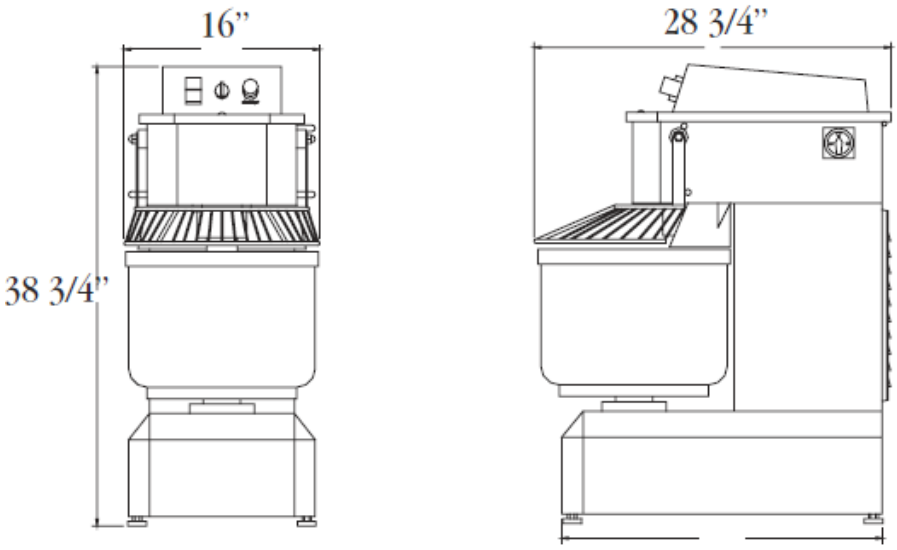
MODEL NUMBER: **AEF035SP , AEF035**

DRAWINGS



Capacity Chart

Recipe/Product	Pounds	Kilograms
Flour Capacity Minimum	3.86	1.5
Flour Capacity Maximum	68	30
50% AR Dough Minimum	6	3
50% AR Dough Maximum	72	33
55% AR Dough Minimum	6	3
55% AR Dough Maximum	88	40
60% AR Dough Minimum	6	3
60% AR Dough Maximum	110	50
65% AR Dough Minimum	6	3
65% AR Dough Maximum	110	50

Calculating AR%

To know the absorption ratio of your recipe use the following formula:

%AR = Water Weight (lbs) / Flour Weight (lbs)

1 Canadian Gallon of Water = 10lbs (4.54 kg)

1 US Gallon of Water = 8.33lbs (3.77kg)

Use of ice requires a 10% reduction in batch size.
Drop 10% from the above chart for high gluten flour.

Make sure to take into consideration all water content. This should include any extracts, butter/shortening, eggs, etc. into factoring AR%.

For Example: Your using 1 US Gallon of water and 15lbs of flour = 0.55 or 55% AR

That means you will have a finished product of 23.3lbs of dough at 55% AR. Refer to this chart to find the model you will need.

Doyon/NU-VU recommends the following capacity ratings on based AR%. If dough has a lower AR% we recommend decreasing the recipe to adjust for denser dough. Failure to follow said guidelines or recommendations could result in non-warrantied service issues with mixer.

Please contact factory to verify if mixer is suitable for your application.

Note - Different Types of flour have different gluten content and are not universal between products.

Note - Eggs, Milk, Extracts, must be added to liquid when calculating AR%

Due to periodic changes in designs, methods, procedures, policies and regulations, the specifications contained in this sheet are subject to change without notice. While Doyon exercises good faith efforts to provide information that is accurate, we are not responsible for errors or omissions in information provided or conclusions reached as a result of using these specifications. By using the information provided, the user assumes all risks in connection with such use.

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