

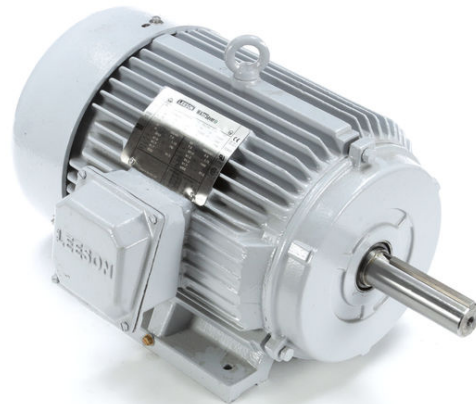
# PRODUCT INFORMATION PACKET



Model No: 171844.60

Catalog No: 171844.60

30 HP Grain Stirring Motor, 3 phase, 1800 RPM, 208-230/460 V, 286TZ Frame, TEFC  
Grain Stirring Motors



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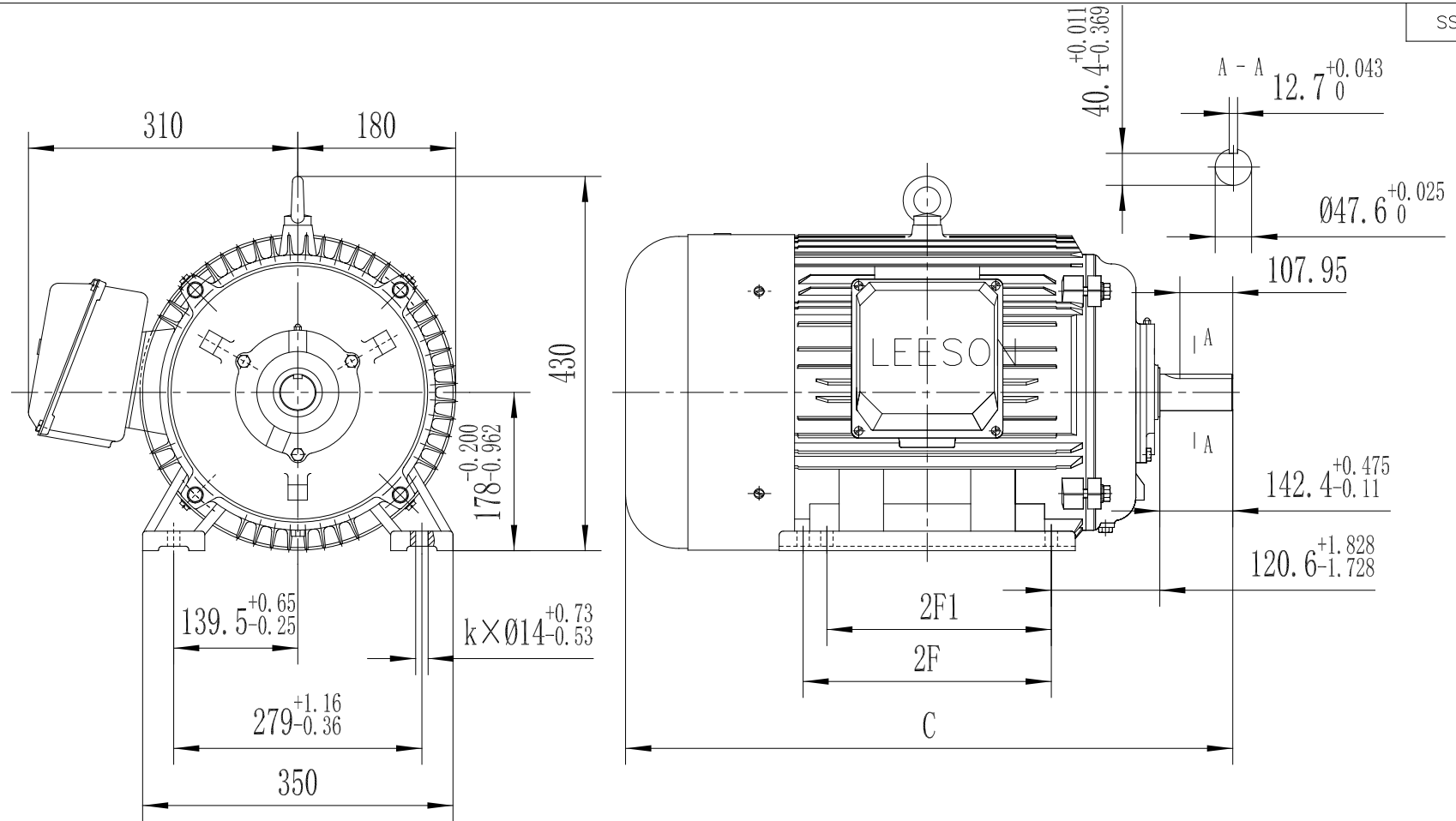
### Nameplate Specifications

Output HP	30 Hp	Output KW	22.4 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	77.0-70.0/35.0 A	Speed	1780 rpm
Service Factor	1.15	Phase	3
Efficiency	94.1 %	Power Factor	85.6
Duty	Continuous	Insulation Class	F
Design Code	A	KVA Code	H
Frame	286TZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6309
UL	Recognized	CSA	Y
CE	Y	IP Code	55

### Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.052 Ohms	Mounting	Rigid base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Single Special Extension	Overall Length	29.09 in
Shaft Diameter	1.875 in	Shaft Extension	5.6 in
Assembly/Box Mounting	F1/F2 CAPABLE		

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171843.60	N284TZ-4	241 <sup>+1.06</sup> <sub>-0.46</sub>		4	701
171844.60	N286TZ-4	279 <sup>+1.16</sup> <sub>-0.36</sub>	241 <sup>+1.06</sup> <sub>-0.46</sub>	6	739

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