

Universal Escalator Motor

AUTOMATIC ESCALATOR MOTOR

The YFT160 universal escalator motor is designed specifically for modern, automatic escalators. The motor is factory equipped with a spring-applied, electrically released brake.

The YFT160 uses a self-cooling, six pole, three-phase, AC induction motor providing high performance, high starting torque, and long term reliability along with low noise and low vibration. Motor ratings and mounting dimensions correspond to IEC standards for easy operation and maintenance.

The motor is designed for 30 starts per hour using WYE/Delta, Across the Line, or Soft starting configurations. The motor is available in 7.5 kW and 11 kW power output ratings (16.2 and 23A respectively).

YFT160 motors are designed to meet the reversing and starting requirements of modern escalators as well as those of a traditional continuous operating environment



Benefits

- Spring applied, electrically released brake
- Universal application
- Built in cooling fan

Features

- Cast iron construction
- Rated for 30 starts per hour
- 7.5 and 11 kW power ratings
- Voltages: 200, 208, 220, 230, 380 - 400, 415, 440, 460, 480, 500 VAC
3-phase, 50/60 Hz
- Insulation Class F, VDE 0530 Supplement 2
- -5° to 40°C Ambient
- IEC, CE, CSA approved

Applications

- Escalators
- Moving walk ways



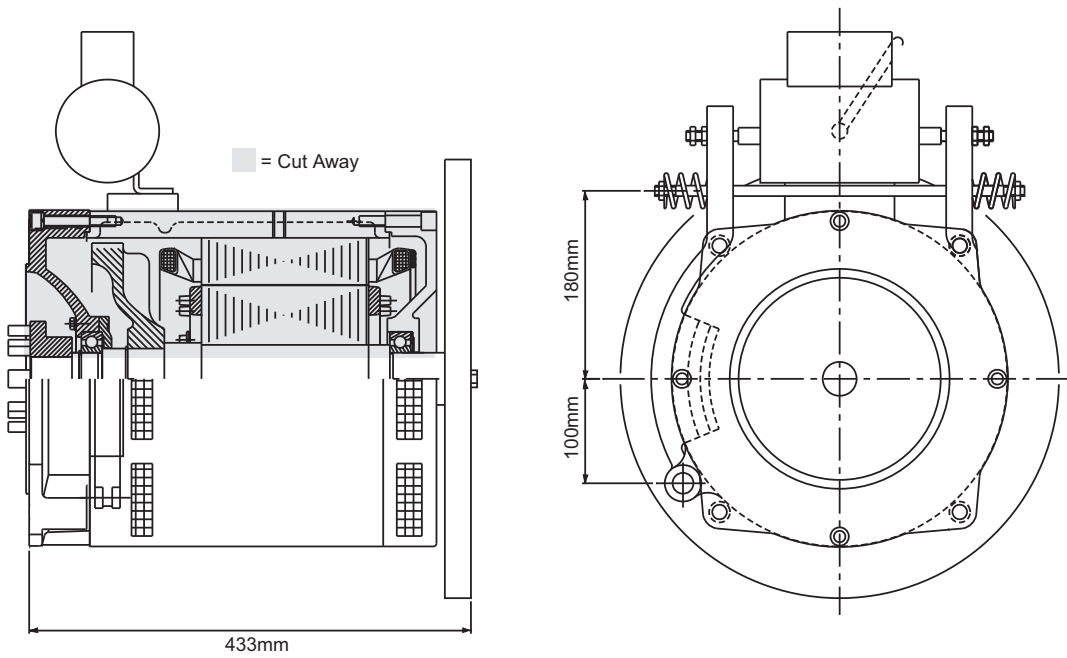
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DIMENSIONAL DIAGRAMS



DUTY TABLE

Type	Rated Output		Full Load				Start Torque Rated Torque	Max Torque Rated Torque	Protection Grade	Weight
	kW	hp	Current (A)	rpm	Efficiency	Power Factor				
YFT160M-6K	7.5	10	16.2A	965	86.8%	0.81	2.5	3.3	IP21	342 lbs (155 kg)
YFT160M-6K	11	15	23.0A	960	86.8%	0.84	2.3	3.1	IP21	397 lbs (180 kg)



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