



## 12V GEAR REDUCTION STARTERS FOR FORD GASOLINE ENGINE APPLICATIONS



### DESIGNED FOR YOUR TOUGHEST APPLICATIONS

For 35 years, the biggest names in engine manufacturers have chosen one name in cranking power — DENSO. As the world's largest starter manufacturer, our starters simply install faster and perform better under rigorous conditions. The DENSO commitment to quality, durability, performance and innovation is the reason our components are truly better by design.



## SPECIFICATIONS

- 12V 1.8 kW
- Pinion: 11 tooth
- Rotation: Clockwise  
(viewed from pinion side)

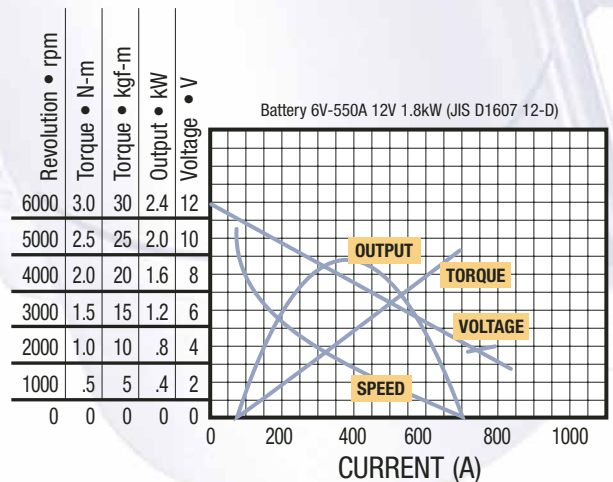
## FEATURES / BENEFITS

- Compact and lightweight design
- High torque
- High durability in frequent stop/start applications
- Self-contained clutch shaft
- Solenoid and clutch arranged co-axially for smooth engagement
- Sealed heavy-duty ball bearings

## APPLICATIONS

- Airport/Airline Vehicles  
(GSE - Ground Support Equipment)
- Food Service Fleets
- Landscape Vehicles
- Law Enforcement Fleets
- Package Delivery Fleets
- Rental Equipment Fleets
- Snack Delivery Fleets
- Taxi Cabs
- Utility Company Fleets

## STARTER OUTPUT PERFORMANCE (STANDARD)



## PART NUMBERS

- 228000-8432:  
Ford 4.9L, 5.0L, 5.8L — Model E & F Series Trucks (A/T Only)  
Ford 4.9L, 5.0L, 5.8L — Passenger Cars (A/T & M/T)
- 228000-8440:  
Ford 4.9L — Model E & F Series Trucks (M/T Only)



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