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.
FEATURES / BENEFITS

- Compact and lightweight design (only 38 lbs) for ease of installation and reduction of total vehicle weight
- High torque for maximum starting power (improved cold start-ability)
- Nose cone is rotatable for increased application flexibility (8 position)
- Soft engagement for improved durability of pinion and ring gear
- Needle bearing in drive-in end and ball bearing in commutator end for long life operation
- ISS relay kit available for increased starter system circuit reliability
- Warranty: On-road: 3 years / 350,000 miles
  Off-road: 1 year / unlimited hours

PART NUMBERS

- 428000-1450
  Pinion: 12 tooth (DP6/8)
  (Crosses with competitor’s 11 tooth big gear design)
- 428000-1441
  Pinion: 13 tooth (DP8/10)
  (Crosses with competitor’s 12 tooth small gear design)

APPLICATIONS

- Transit Bus
- Coach
- Off-road Equipment
  Loaders
  Cranes

SPECIFICATIONS

- 24V 8.0 kW (10.7 HP)
- Mount: SAE #3
- 180° Housing Opening for Flywheel
- Rotation: Clockwise

P8.0 STARTER

RECOMMENDATION CHART

<table>
<thead>
<tr>
<th>TYPE</th>
<th>ENGINE DISPLACEMENT</th>
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<tbody>
<tr>
<td>Planetary Reduction</td>
<td>24V P8.0</td>
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<tr>
<td>Gear Type</td>
<td></td>
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P8.0 STARTER OUTPUT PERFORMANCE

SAE J544 24V Heavy Duty (1000A - 16V)

SIZE COMPARISON

- DENSO starter
- Competitor’s starter