Rolled Steel ODP Motors
NEMA Premium Efficiency | ODP Commercial Duty

The Rolled Steel ODP is a durable, lightweight, feature-packed machine designed to tackle all of your commercial duty requirements. From HVAC to compressors, this NEMA premium efficient, inverter duty motor has you covered. Designed for environments where dirt and moisture are minimal.

Couple your Rolled Steel ODP with one of our F510 VFD’s for energy savings and speed control. TECO-Westinghouse offers a variety of HVAC and commercial solutions. Please contact us for more information.

Product Features

- Available from 1-40 hp; 2, 4, & 6 Pole
- AC, 3-Phase, 60 Hz, 230/460V (usable on 208V). 50 Hz and other voltages under 600V are available upon request.
- Open Drip Proof, IP22 Design
- NEMA Premium Efficiency (140-280 Frame); EPAct Efficiency (56 frame)
- -40°C to 40°C Ambient
- Number of Leads: 9 Leads for 1-5 hp; 12 Leads for 7.5 hp and Larger
- Inverter Duty Speed Range 10:1 CT and 20:1 VT
- Meets NEMA MG1, Part 31.4.4.2
- *HPE™ High Pulse Endurance Spike Resistant Wire for Inverter Duty Applications
- Rolled Steel Frame with Cast-Iron End Brackets
- Rolled Steel Conduit Box; 90 Degree Rotatable, Oversized and Gasketed
- Oversized, Double Shielded Vacuum Degassed Ball Bearings (Frames 140T-210T)
- Complies with ANSI/UL 1004-5 “Fire Pump Motors.” Certificate #20120717 - EX6569
- Available Option: Safety Red Epoxy Paint
- Available in Horizontal Foot Mounted or JP/JM Configurations
- 36 Month Warranty from Date of Manufacture

*Precautions should be taken to eliminate or reduce voltage spikes and shaft currents that may be imposed on the motor by the VFD as stated per NEMA MG1, Part 31.4.4.
### Rolled Steel ODP Performance Data

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>HP</th>
<th>Full Load RPM</th>
<th>Full Load Efficiency %</th>
<th>Power Factor</th>
<th>Locked Torque (ft-lb)</th>
<th>Locked Rotor % of FL</th>
<th>Pull Up % of FL</th>
<th>Breakdown % of FL</th>
<th>Rotor Wt (lb)</th>
<th>NEMA Code Letter</th>
<th>Appro. Weight (lbs)</th>
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### Notes:
1. The above are typical values based on test according to ANSI/IEEE standard 112, method B.
2. NEMA Premium Efficiency (140-280 Frame); EPAct Efficiency (56 frame)
3. Breakdown and locked rotor torques are shown as average expected values.
4. Tolerance according to NEMA MG1-12 and IEC60034-1.
5. Data subject to change without notice.

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**AEGIS® Bearing Protection Rings available upon request.**

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