



North American Electric, Inc.

DURABILITY

NEMA Design D
High Torque/High Slip (5-8%)
Totally Enclosed Fan Cooled



DEPENDABILITY

PERFORMANCE

Better product

More *features*

best value

QUALITY

Features

Benefits

NEMA Standard

All motors meet NEMA dimensions and meet or exceed NEMA Design D performance standards.

TEFC Enclosure

All motors come standard with Totally Enclosed Fan Cooled (TEFC) enclosure for added protection against harsh environments, rodents and reptiles.

Windings (Class F Insulation)

All motors have Class F (155 degree C.) insulation, with a Class B (80 degree C.) temperature rise. Motors with Class H (180 degree C.) insulation are available upon request.

Vacuum Pressure Impregnation

Only high quality polyester covered copper winding wire is used in conjunction with inorganic high pressure polyester varnish. The stators of all motors are varnished using "Vacuum Pressure Impregnation" (VPI) process for superior protection.

Thermisters

All Oil Well Pump Motors come with Thermisters in the windings as standard.

High Efficiency

Top quality materials for premium performance.

- High grade silicone electrical steel
- Generous high quality copper windings

Long Service Life

Rugged cast iron construction handles shock loads, corrosive environments and improves heat dissipation for cooler operation.

**High Overload Capacity
Oversized Bearings**

Starting and breakdown torques exceed NEMA standards for NEMA Design D.

Largest bearings in the industry with the same bearing size on both ends of the motor. Frames 143T up to 215T utilize sealed bearings, frames 254T and above offer regreasable bearings. Frames 254T and above are fitted with mechanical "V" seals as standard.

Corrosion Resistant Paint

All cast iron parts are cleaned and etch primed (polyvinyl butyral and epoxy) to 25 microns or more before machining. Final top coat paint is an air drying enamel based on epoxy polymer resins to 25 microns or more. This is suitable for most aggressive environments.

Two Year Warranty

All North American Electric products come with a Two Year Factory Warranty.

NEMA Design D - High Torque - High Slip (5-8%) - Three Phase - TEFC - 230/460/796V - 50HZ/60HZ - 1.15 S.F. - Class F Insulation - 40 C Ambient

Model Number	HP	Speed RPM	Frame	Full Load Efficiency %	Full Load Power Factor	Full Load Current Amps @ 460V	Locked Rotor Current Amps @ 460V	Full Load Torque (Ft-Lbs.)	Break Down Torque % FLT	Locked Rotor Torque % FLT	Bearing Size DE	Bearing Size ODE	Approx. Net Wt. LBS.
OWP1203	3	1125	213T	82.4	0.67	5.0	21.1	14.0	239	250	6308-ZZ	6308-ZZ	170
OWP1205	5	1080	215T	80.8	0.71	8.1	35.9	24.3	241	279	6308-ZZ	6308-ZZ	205
OWP1272	7.5	1095	254T	79.2	0.74	11.8	56.7	36.0	250	275	6309	6309	342
OWP1210	10	1090	256T	81.5	0.75	15.5	76.5	48.2	253	285	6309	6309	368
OWP1215	15	1120	284T	84.8	0.79	20.5	119.2	70.3	297	298	6310	6310	487
OWP1220	20	1115	286T	84.6	0.81	27.4	154.5	94.2	254	290	6310	6310	518
OWP1225	25	1120	324T	86.7	0.82	32.8	179.5	117.2	236	269	6312	6312	589
OWP1230	30	1110	326T	86.7	0.82	38.7	209.3	142.0	234	271	6312	6312	675
OWP1240	40	1115	365T	86.0	0.84	52.4	299.5	188.4	229	272	6314	6314	884
OWP1250	50	1110	404T	87.4	0.88	60.4	371.0	236.6	251	314	6316	6314	902
OWP1260	60	1105	405T	87.1	0.87	74.4	448.2	285.2	247	323	6316	6314	1300
OWP1275	75	1125	444T	89.3	0.87	89.1	639.1	350.1	303	353	6318	6314	1724
OWP12100	100	1125	445T	89.6	0.87	120.6	860.8	466.8	301	368	6318	6314	1841
OWP12125	125	1090	447TZ	86.7	0.88	147.6	894.1	602.3	264	334	6319	6319	2367
OWP12150	150	1105	449TZ	87.8	0.89	177.5	1160.0	712.9	277	361	6319	6319	2539

Data subject to change without notice.

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