

RELIANCE MULTI-SPEED COOLING TOWER MOTORS

Design B • 60Hz • 40 degree C Ambient • Continuous Duty • Class F • 1.15 Service Factor • Ball Bearing • IP55
 • Single Winding Variable Torque • Three Phase • 460 Volts • TEFC-XT

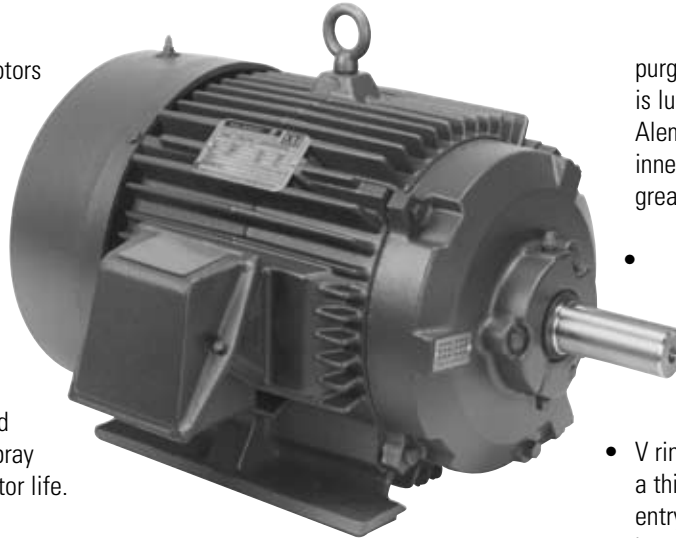
Description:

Reliance multi-speed motors are designed to survive the extreme conditions inside the cooling tower. All major exterior components including the frame, end brackets, fan cover and conduit box are made of cast iron. The motor hardware and nameplate are corrosion resistant and the paint system is salt spray tested to provide long motor life.

The bearings will last longer because they are triple protected to keep moisture out but still allow grease purging.

Features and Benefits

- Three Year warranty – All



purge the raceways when the motor is lubricated with the included Alemite grease fittings. Cast iron inner bearing caps form a protective grease cavity.

manufacturing defects are covered for three full years.

- Double shielded bearings keep grease in and contaminants out, but is arranged so grease can still

- Lip seals on both bearings provide maximum protection from water entry that could wash the grease out and prematurely fail the bearings.
- V ring slinger on both bearings for a third line of protection from water entry. Water will not get in this bearing system.
- Stainless Steel Nameplates will still be readable after years of use.
- Stainless Steel "T" drains automatically let condensation out.

Foot Mounted 3HP through 100HP

HP	Synch RPM	Frame	Model Number	List Price	Nom. Eff.
3	1800/900	L182T	P18G6858	\$1,137	82.5
5	1800/900	L184T	P18G6859	\$1,271	84.0
7.5	1800/900	L213T	P21G6820	\$1,596	87.5
10	1800/900	L215T	P21G6821	\$1,855	89.5
15	1800/900	254T	P25G6769	\$2,352	90.2
20	1800/900	256T	P25G6770	\$2,842	90.2
25	1800/900	284T	P28G6657	\$3,307	91.0
30	1800/900	286T	P28G6658	\$3,797	91.0
40	1800/900	324T	P32G6616	\$4,986	92.4
50	1800/900	326T	P32G6616	\$5,881	90.2
60	1800/900	364T	P36G6574	\$8,518	92.4
75	1800/900	365T	P36G6575	\$10,673	93.6
100	1800/900	405T	P40G578	\$13,160	94.5

Nominal efficiency is based on 1800 RPM. Other speeds, horsepower and voltage available on production basis.



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