



INDUSTRIAL GEAREDUCER

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ThermalCell-Erhuajie (TME) Industrial Geareducers (MSRL300 Series) are designed and manufactured specifically for large industrial cooling towers in the power plants and industrial applications. TME right angle geareducers have proven to be consistently reliable and trouble free.

TME 's MSRL300 Series Geareducers are suitable to be used with motor ratings up to 160 KW. It is rated with a minimum of 2.0 Service Factor. The geareducers casing are epoxy coated in order to prolong the life of the casting. All MSRL300 Series geareducers are tested (Run In) before shipping out from the factory.

MSRL300 geareducers casing castings are rigidly designed and constructed to absorb internal and external loads with minimum deflection while the spiral and helical gears are designed specifically for fan drive service and are precision machined from high grade alloy steel, case hardened to provide low noise and minimum vibration.

Contact your nearest TME's representative or Thermal-cell directly for more information on this geareducers.

Motor at 1460 RPM

Ratio	Output RPM	KW Ratings (2.0 SF)	Weight (KG)	Oil Capacity (litres)
9.4	155	175	1080	80
10.0	145	169		
10.7	136	165		

Features of TME's geareducer;

- Design to meet or exceed the requirements of CTI STD 111 and AGMA standards. Minimum Service Factor of 2.0.
- Gears are made out of high strength and case harden alloy steel
- Output shaft bearings have service life of 100,000 hours
- Positive Splash type oil lubrication
- Vented gear cases
- Run In test at factory before shipment
- Integral cooling fins. No need oil coolers or fan
- Two stage gear reduction for efficient power transmission
- Right angle input/output shaft. Allows motor to be outside of airstream
- Grey cast iron housing covered with Epoxy Coat

