



MxT Transmission



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MxT

BRIEF DESCRIPTION

MxT is a non-conventional transmission. While a conventional transmission increases speed, it reduces torque. Likewise, it reduces speed by increasing torque, delivering the same input power, even at losses.

MxT transmission independently modifies torque and speed. Input torque is multiplied 3.888 times while speed is divided by 1.9142, increasing output approximately 2 times the Input power. This increase was verified by factory testing on 3rd generation MxT Prototype in December, 2020. MxT was patented by Rafael Pazos in January, 2021

MxT is a mechanical transmission (no electrical components in MxT patented device) that attaches to rotating shafts on AC motors, many styles of generators, air compressors, chillers, vehicles, and many other applications.

Which means increased motor and generator output with no increases in Carbon Dioxide, water or wastewater use, Carbon Dioxide production from Fossil Fuel powered plants, gasoline powered vehicles, While production from Hydro and Wind Turbine Farms will increase greatly, by 2X or more.

Efficiency increases for AC motors, generators, etc. are currently being determined by OptiPower, Inc; along with corresponding efficiency increases by using 2 or even 3 MxTs.

MxT EXAMPLE: ELECTRIC MOTOR

HP= 1

RPM= 1725

TORQUE= 3.044 lb-ft

HP= (TORQUE X RPM) / 5252

CONVERSION

TORQUE: (3.044 X 3.8888)= 11.8375 lb-ft

RPM: (1725 / 1.9142)= 901.16 RPM

FINAL RESULTS

HP: (11.8375 X 901.16) / 5252= 2.03 HP

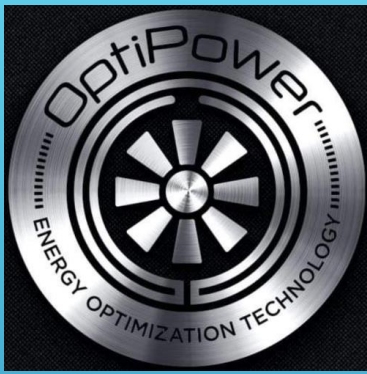
To find the initial speed: 1725 / 901.16 = 1.914

RPM: (901.16 X 1.914)= 1725

TORQUE: (11.8375 / 1.914)= 6.1847 lb-ft

HP= (6.1847 X 1725) / 5252 = 2.03 HP





Pictures care of Wikipedia and MX Transmission brochure.

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