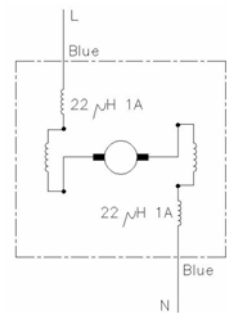




- ## Universal Motor (BM76D 976.10.004)



The graph displays the performance characteristics of a motor. The x-axis represents Torque in N.cm., ranging from 0 to 40. The left y-axis represents Speed in R.P.M., ranging from 0 to 40,000. The right y-axis represents Efficiency in %, ranging from 0.0 to 100.0. The bottom right y-axis represents Current in Amperes, ranging from 0 to 3.5. The top right y-axis represents Power in Watts, ranging from 0 to 700. The legend indicates the following curves:

- Speed (Red line):** Decreases from approximately 36,000 R.P.M. at 0 torque to about 3,000 R.P.M. at 36 N.cm. torque.
- Efficiency (Black line):** Increases from 0% at 0 torque, peaks at approximately 20% efficiency at 8 N.cm. torque, and then decreases to about 10% efficiency at 36 N.cm. torque.
- Current (Blue line):** Increases linearly from approximately 0.7 A at 0 torque to about 3.5 A at 36 N.cm. torque.
- Power In (Brown line):** Increases linearly from 0 W at 0 torque to about 650 W at 36 N.cm. torque.
- Power Out (Green line):** Increases from 0 W at 0 torque, peaks at approximately 110 W at 20 N.cm. torque, and then decreases to about 80 W at 36 N.cm. torque.

