

Elektrische Aandrijvingen

WTB

Lokatie/evenement

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Figure 20.36 Electric drives can operate in four distinct quadrants.

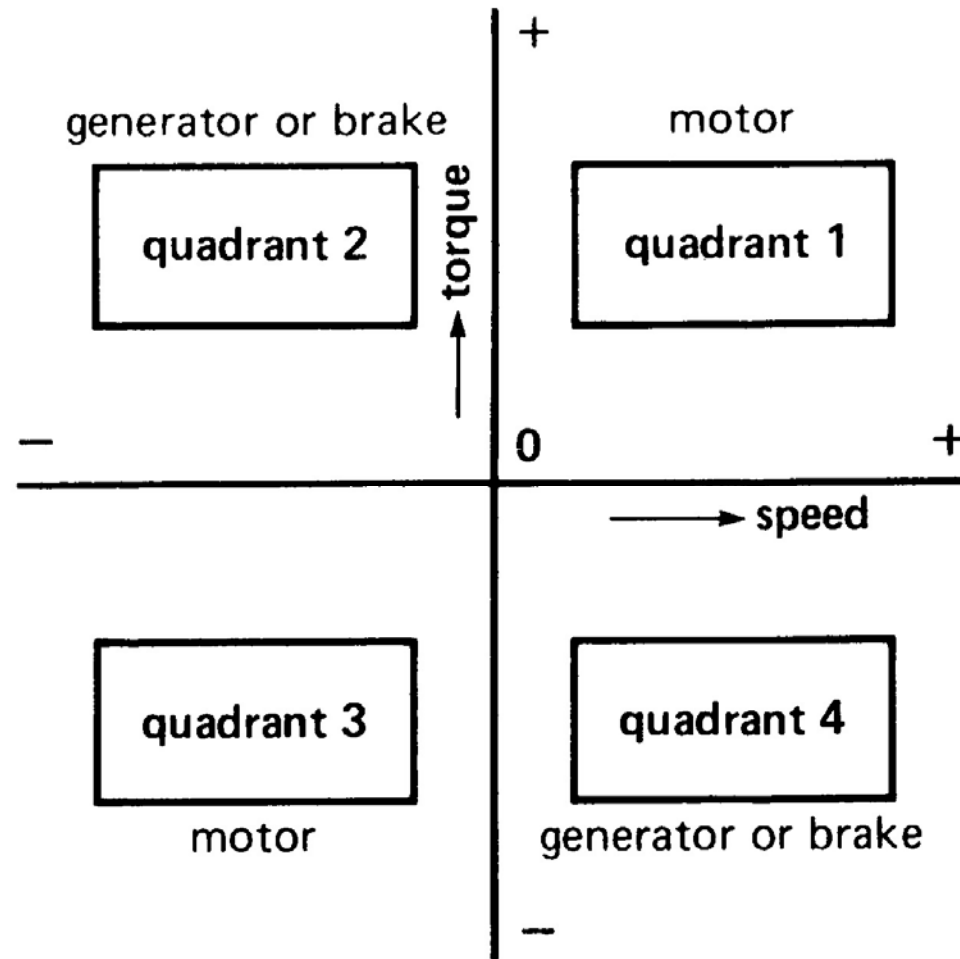


Figure 20.37 Typical torque-speed curve of a squirrel-cage induction motor operating at fixed voltage and frequency.

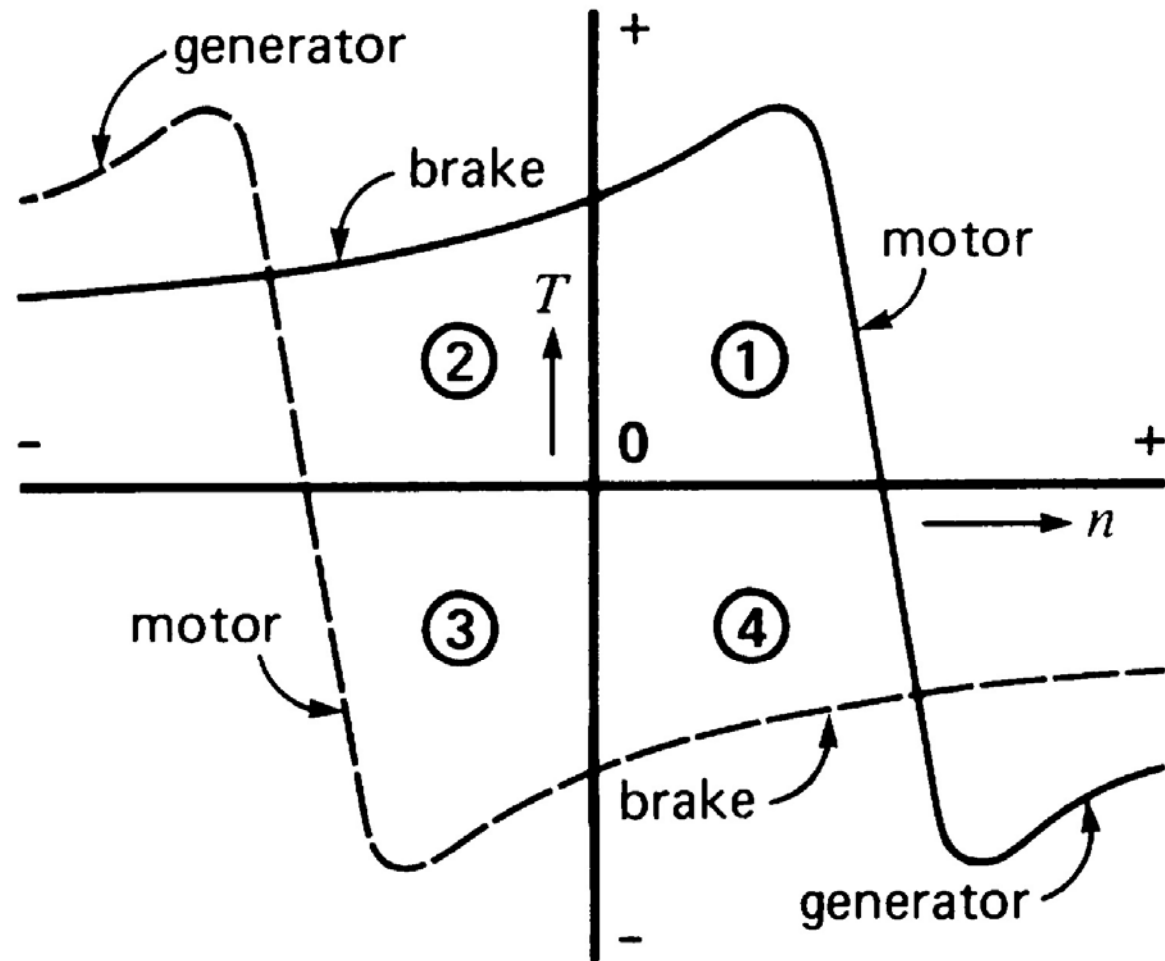


Figure 20.38 Typical torque-speed curve of a dc motor.

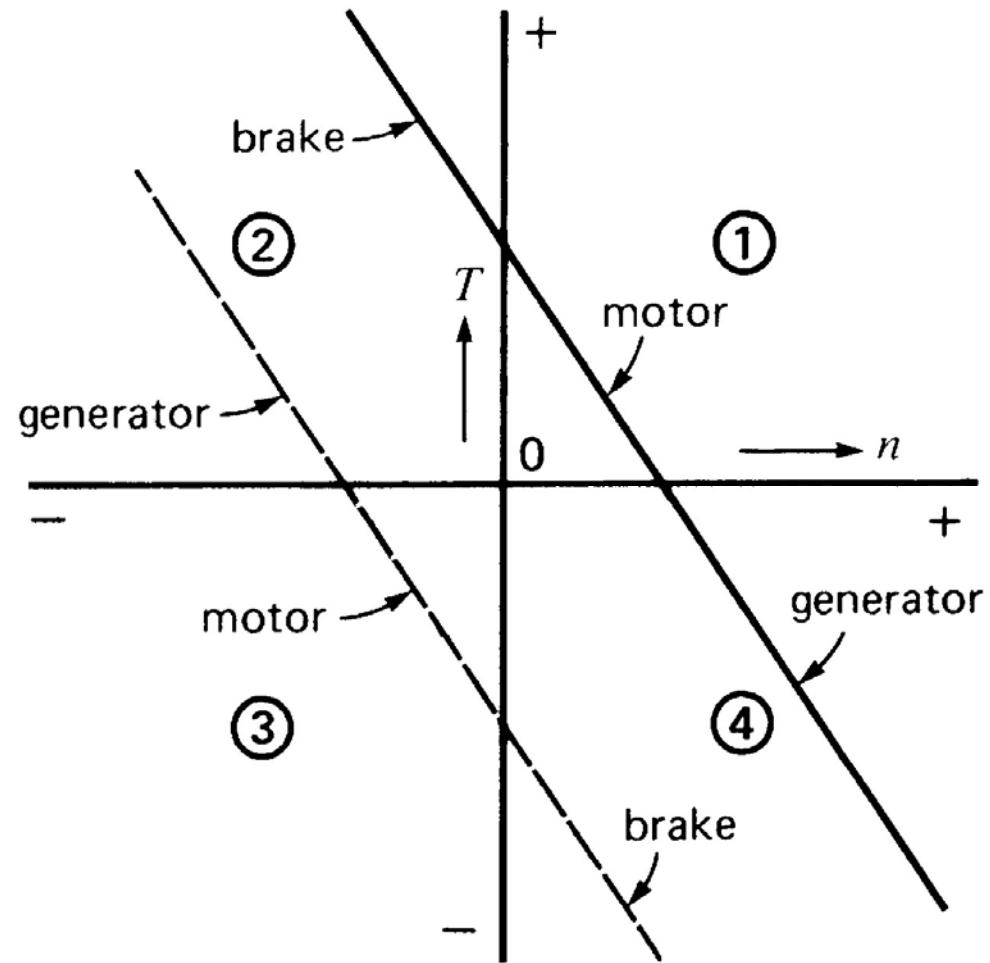


Figure 20.39 Torque-speed curve of a 15 hp, 460 V, 60 Hz, 3-phase, squirrel-cage induction motor.

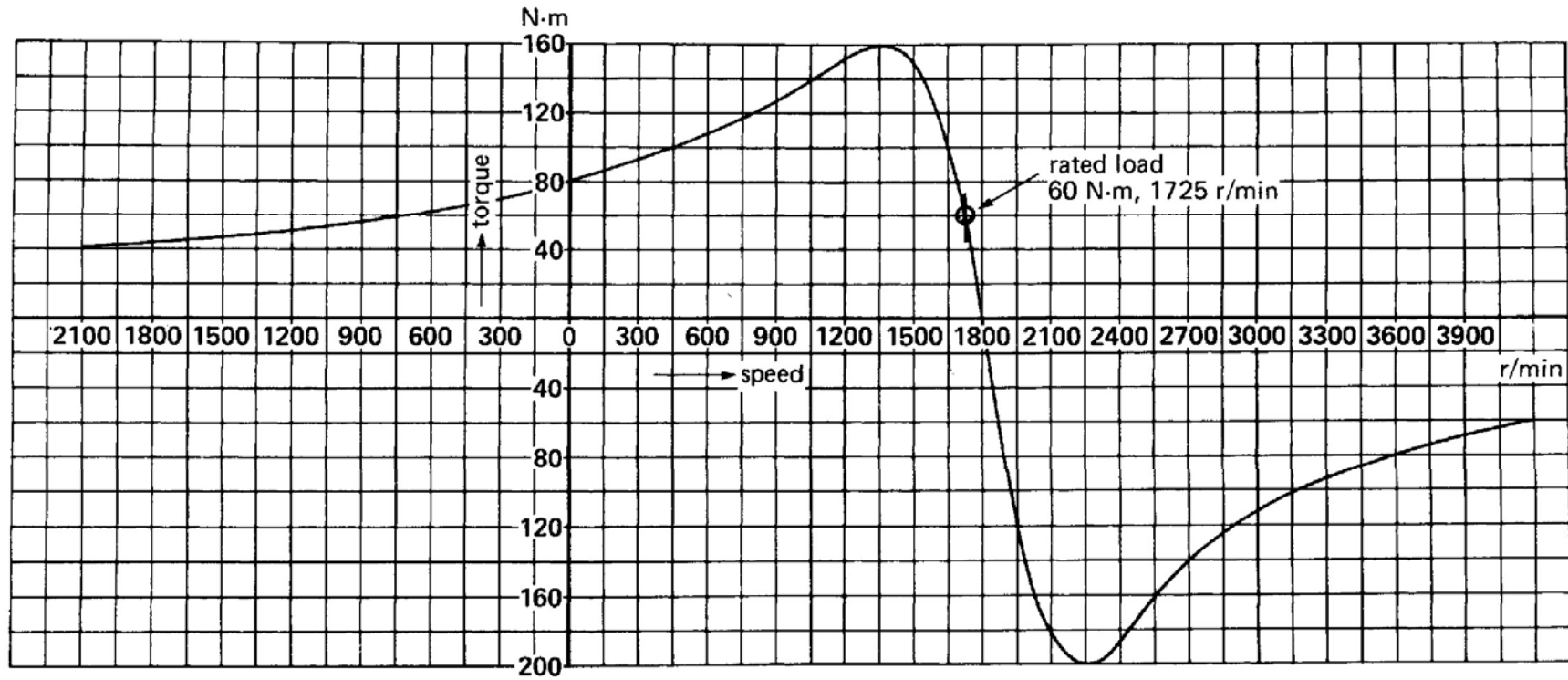


Figure 20.40 Torque-speed curve at three different frequencies and voltages.

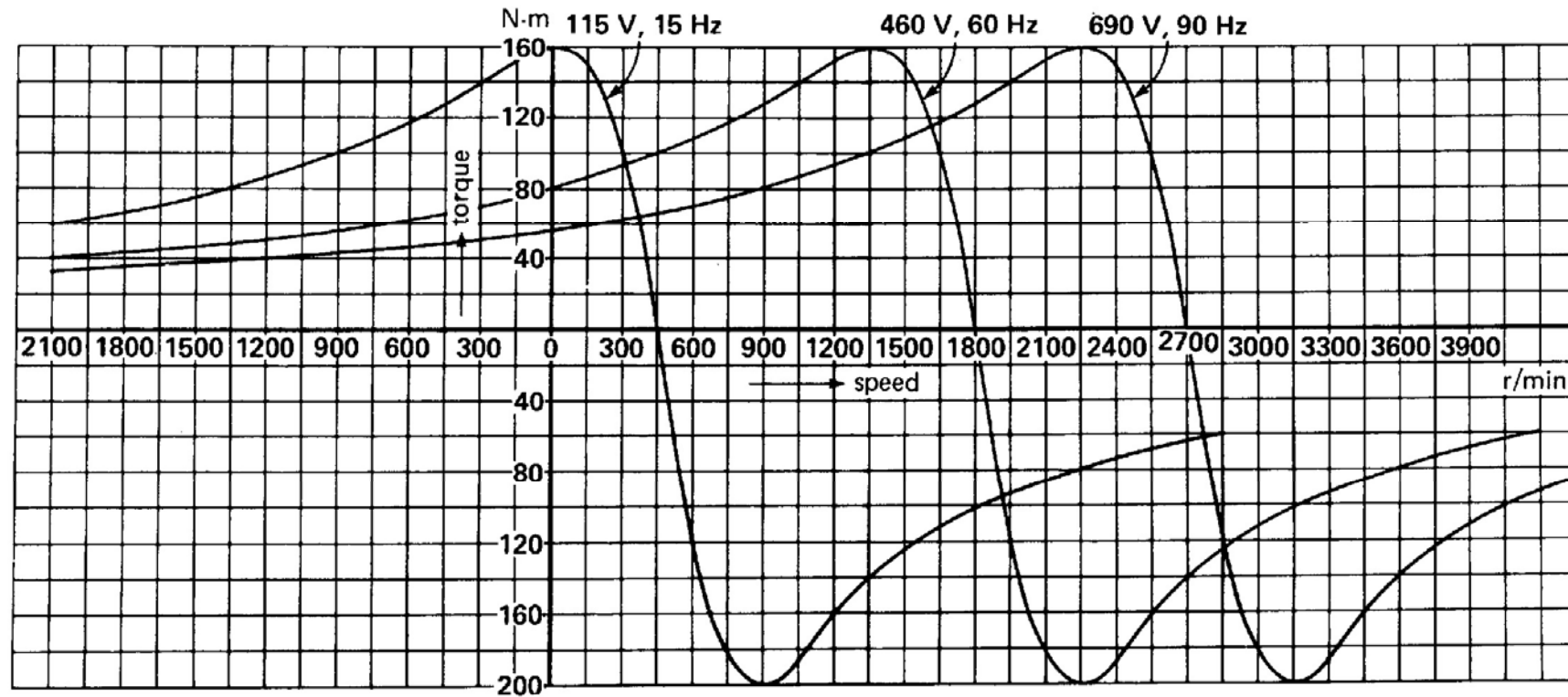


Figure 20.41 Stator excited by dc current.

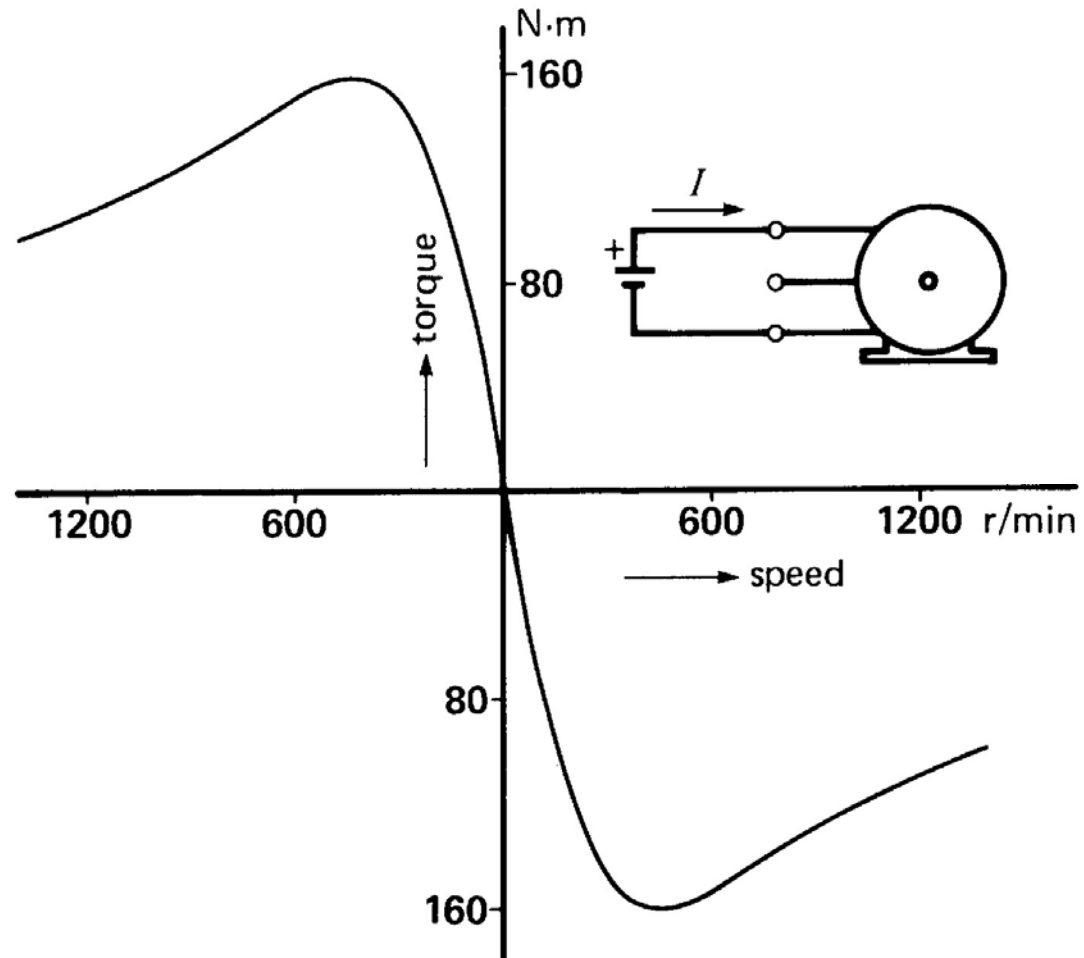


Figure 20.42 Current-speed curve at 60 Hz and 15 Hz. Also T - n curve at 460 V, 60 Hz.

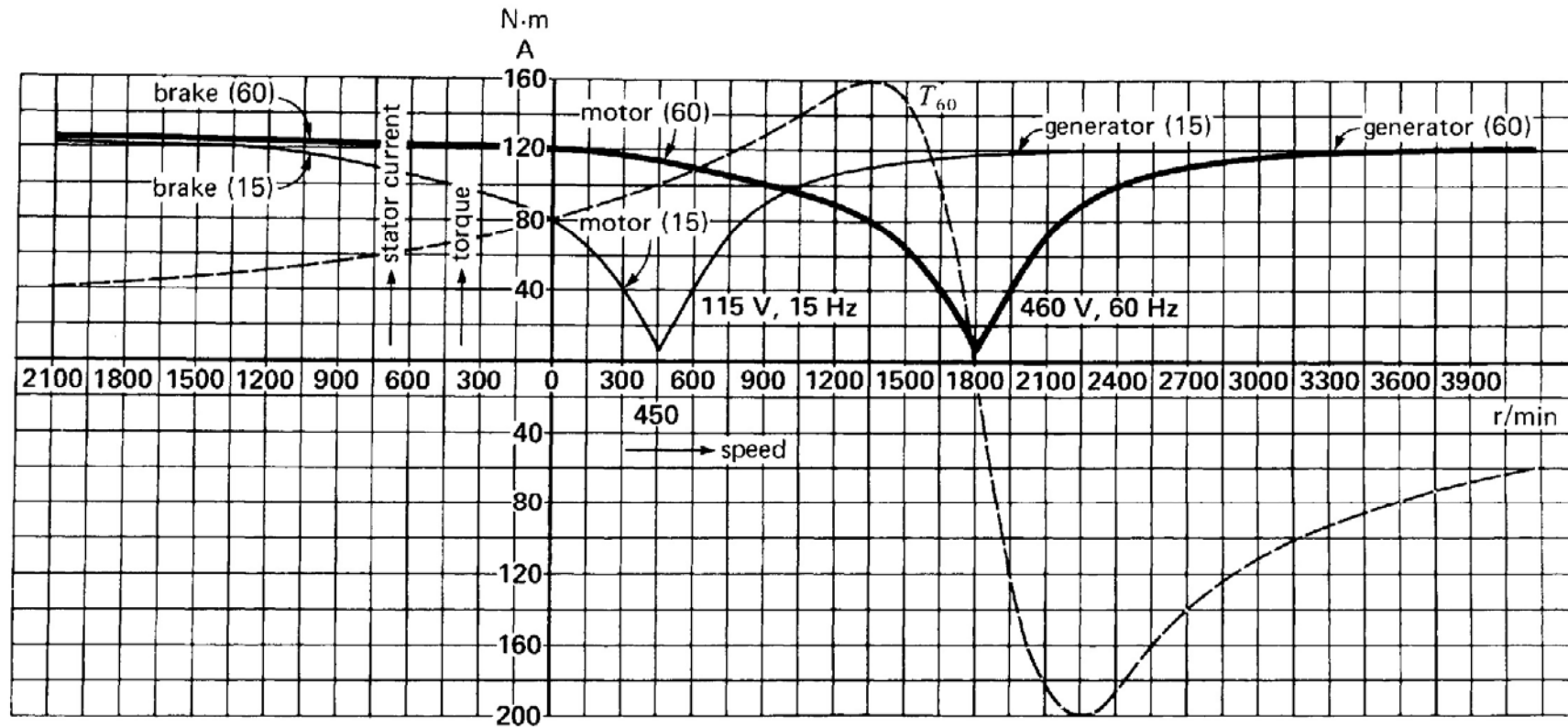


Figure 20.43 The starting torque increases and the current decreases with decreasing frequency.

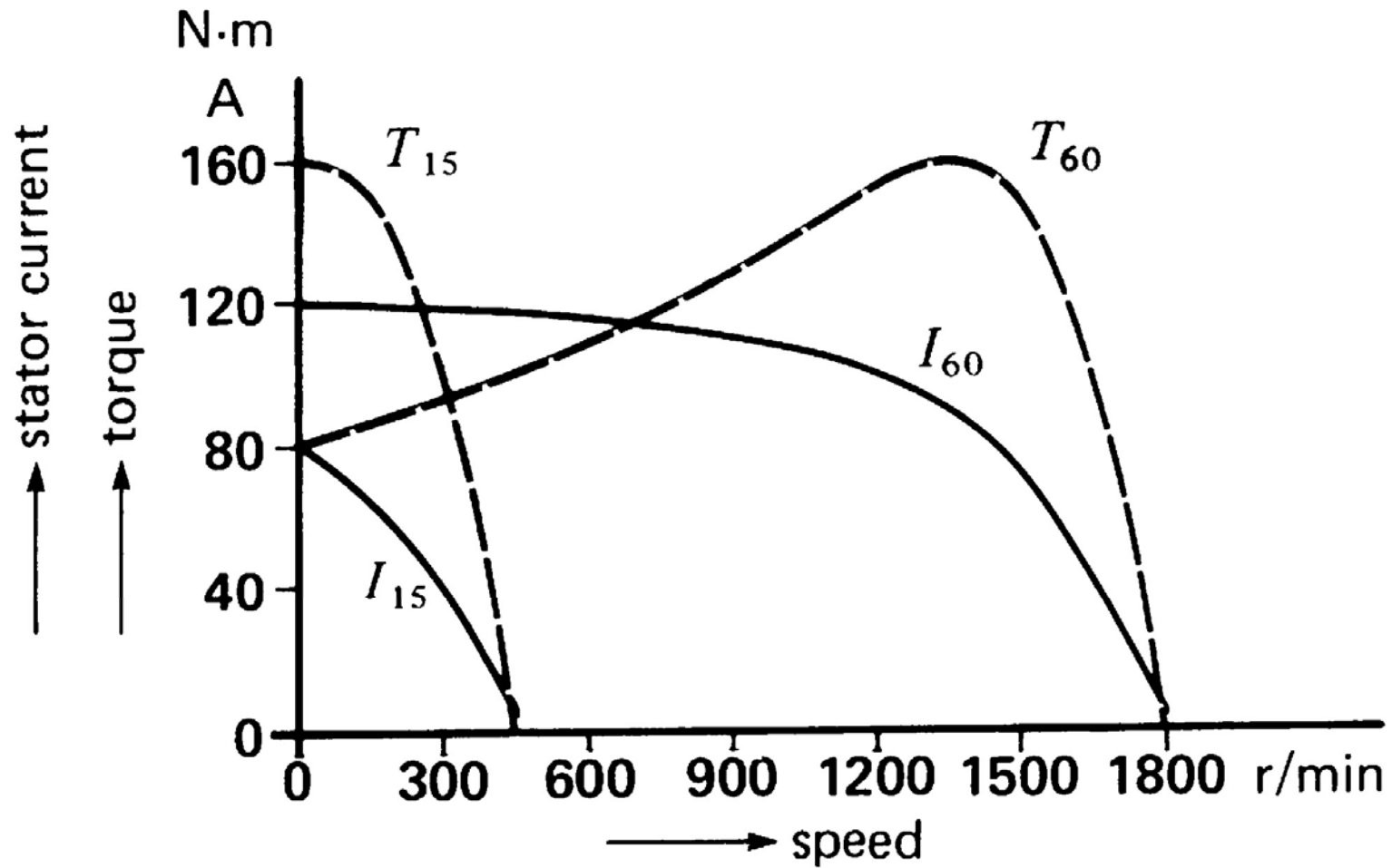


Figure 20.44 Effect of suddenly changing the stator frequency.

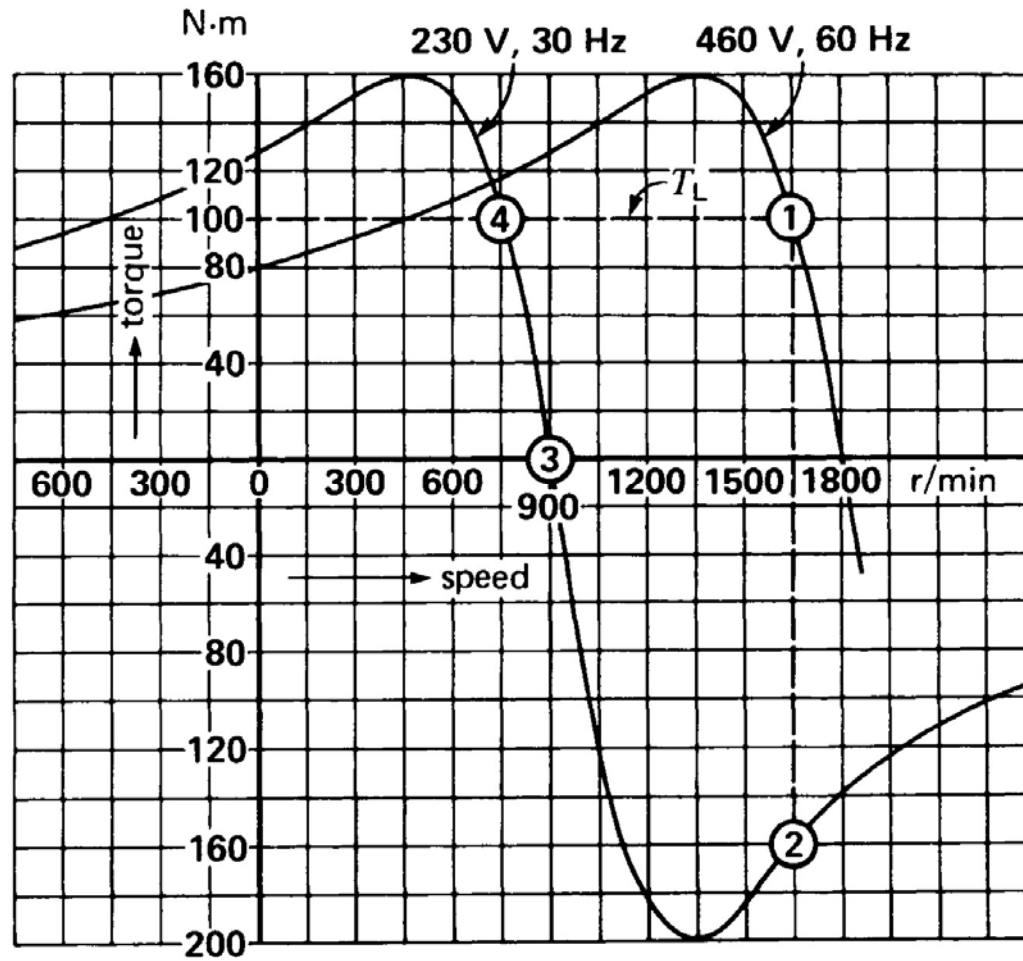


Figure 20.45 See Problem 20-34.

