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Vector Drives

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Vector drives
Vol. 25 #2, Sept. 1998

Variable frequency AC vector drives do not have exactly the same torque characteristics as DC drives. This is particularly true at lower speeds where the DC drives have virtually full torque, while AC drives can have reduced torque. There can be a difference of as much as 20%.

When replacing a DC drive with an AC drive, be certain that you will have adequate low speed torque. The two units are not necessarily interchangeable on the basis of horsepower rating only.

- Jim Frankland, NewCastle Industries

See also:

- DC drive failure
- Level switch problems
- Sizing extruder drives

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