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Drive Ratio

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Drive Ratio
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A change in screw design, within limits, can lower the torque requirements for a given flow rate, instead of changing drive ratio, which can be costly or impossible. This is generally accomplished by shorter lead to make the screw speed higher at the given rate. However, the drive must have excess speed capability to do this. Also, the channels will need to be deeper to maintain the same product temperature.

- Steve Derezinski, Eastman Kodak Co.

See also:

- [Screw design](#)
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