



# Application Note

Catalog #2901-6

## Thomsen #6 pump with 2hp Leeson Motor and Lenze SMVector Drive.

### Parameter settings

All drive parameters as set to default - except P108 - which is set to 84%.

### Power connection

For 220VAC single phase operation - red and black leads for power - white is unused.

For 220VAC 3 phase operation -Red, Black and White leads are the power connections.

The Green lead - is the Physical Earth Ground.



### Lenze Drive

Type [ESV7152N02YMC](#)

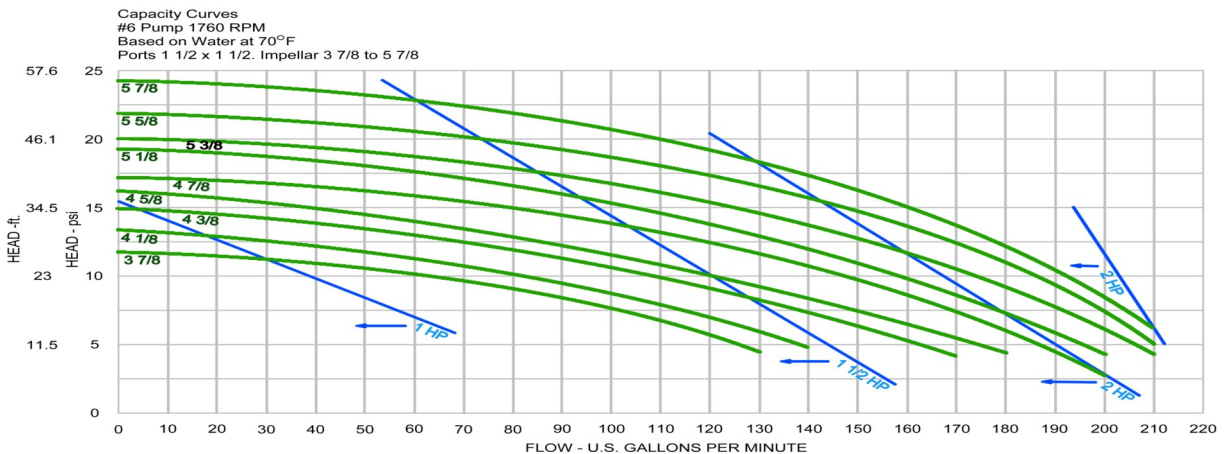
- 240VAC - 1(3)/N/PE AC
- A - 50-60 HZ

### Leeson Motor

Model [C145T17WK30A](#)

- Voltage 208-230/190 480/380
- SLA 7.3-7/8 3.5/4
- 2hp
- 1745 /1435rpm
- Washdown—145C frame

Thomsen - #6 [Pump](#)



Rev. 3.0

For the latest on-line document - with active links - go to: <http://tinyurl.com/kptxlg>