

2 SPEED PLANETARY ANCHOR DRIVES

5,000 FT LBS - 7,000 FT LBS



WHY CHOOSE A 2 SPEED DRIVE?

FEATURES & BENEFITS

WIDER RANGE OF APPLICATIONS

- Offers the best of both worlds: high speed when you need it for those tricky jobs and high torque allowing you to take on that slightly larger job with the same equipment
- Install both small and larger piles with just one drive unit
- It's like owning 2 drives in 1

IMPROVED PRODUCTIVITY

- Use your drive with optimum RPM / Torque for various pile sizes
- Save time and maximize profits by installing smaller piers with more efficiency
 - Begin with high speed / low torque
 - Flick the switch to low speed, high torque to finish off

SIMPLE ELECTRICAL CONNECTION

- Simple 12 or 24 volt coil, just requires connection
- Optional joystick switches, floor mounted switches & cigarette plugs available pre-wired to suit



Need Torque from a lower pressure? No problem.

Two pressure series are available to suit your requirements

Standard pressure series, for machines with 3500 PSI. Low Pressure series, for machines with 3000 PSI

PREMIUM ANCHOR DRIVES

| | STANDARD PRESSURE - 3500 PSI | | | LOW PRESSURE - 3000 PSI |
|------------------------------|------------------------------|----------|----------|-------------------------|
| MODEL | 5ADT | 6ADT | 7ADT | 7ALT |
| Nominal Torque (FT LBS) | 4,745 | 5,847 | 7,357 | 7,333 |
| Max Pressure - Do Not Exceed | 3500psi @ 27gpm | | | 3000psi @ 27gpm |
| Max Flow - Do Not Exceed | 53gpm @1800psi | | | 53gpm @1800psi |
| Max Horse Power | 55 | 55 | 55 | 55 |
| Pressure Relief Valve | Included | Included | Included | Included |
| Energy Control Valve | Included | Included | Included | Included |
| Standard Output Shaft | 2.5" Hex | 2.5" Hex | 2.5" Hex | 2.5" Hex |
| Weight (lbs) | 400 | 400 | 400 | 400 |
| Overall Length (in) | 37.9" | 37.9" | 37.9" | 37.9" |
| Diameter (in) | 13.4" | 13.4" | 13.4" | 13.4" |

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OUTPUT SPEED & TORQUE

5ADT - STANDARD PRESSURE - 3500 PSI

| GPM | OUTPUT SPEED | | PSI | OUTPUT TORQUE | |
|-----|---------------------|----------------------|-------|---------------------|----------------------|
| | HI TORQUE LOW SPEED | LO TORQUE HIGH SPEED | | HI TORQUE LOW SPEED | LO TORQUE HIGH SPEED |
| 8 | 18 | 27 | 1,500 | 2,034 | 1,342 |
| 12 | 27 | 41 | 1,700 | 2,305 | 1,521 |
| 16 | 36 | 55 | 1,900 | 2,576 | 1,700 |
| 20 | 45 | 69 | 2,100 | 2,847 | 1,879 |
| 24 | 54 | 82 | 2,300 | 3,118 | 2,058 |
| 28 | 63 | 96 | 2,500 | 3,389 | 2,237 |
| 32 | 72 | 110 | 2,700 | 3,660 | 2,416 |
| 36 | 81 | 123 | 2,900 | 3,932 | 2,595 |
| | | | 3,100 | 4,203 | 2,774 |
| | | | 3,300 | 4,474 | 2,953 |
| | | | 3,500 | 4,745 | 3,132 |

6ADT - STANDARD PRESSURE - 3500 PSI

| GPM | OUTPUT SPEED | | PSI | OUTPUT TORQUE | |
|-----|---------------------|----------------------|-------|---------------------|----------------------|
| | HI TORQUE LOW SPEED | LO TORQUE HIGH SPEED | | HI TORQUE LOW SPEED | LO TORQUE HIGH SPEED |
| 8 | 15 | 22 | 1,000 | 2,506 | 1,654 |
| 12 | 22 | 33 | 1,200 | 2,840 | 1,875 |
| 16 | 29 | 44 | 1,400 | 3,174 | 2,095 |
| 20 | 37 | 56 | 1,600 | 3,508 | 2,316 |
| 24 | 44 | 67 | 1,800 | 3,843 | 2,536 |
| 28 | 51 | 78 | 2,000 | 4,177 | 2,757 |
| 32 | 59 | 89 | 2,200 | 4,511 | 2,977 |
| 36 | 66 | 100 | 2,400 | 4,845 | 3,198 |
| | | | 2,600 | 5,179 | 3,418 |
| | | | 2,800 | 5,513 | 3,639 |
| | | | 3,000 | 5,847 | 3,859 |

7ADT - STANDARD PRESSURE - 3500 PSI

| GPM | OUTPUT SPEED | | PSI | OUTPUT TORQUE | |
|-----|---------------------|----------------------|-------|---------------------|----------------------|
| | HI TORQUE LOW SPEED | LO TORQUE HIGH SPEED | | HI TORQUE LOW SPEED | LO TORQUE HIGH SPEED |
| 8 | 12 | 18 | 1,500 | 3,153 | 2,081 |
| 12 | 17 | 27 | 1,700 | 3,574 | 2,359 |
| 16 | 23 | 35 | 1,900 | 3,994 | 2,636 |
| 20 | 29 | 44 | 2,100 | 4,414 | 2,913 |
| 24 | 35 | 53 | 2,300 | 4,835 | 3,191 |
| 28 | 41 | 62 | 2,500 | 5,255 | 3,468 |
| 32 | 47 | 71 | 2,700 | 5,676 | 3,746 |
| 36 | 52 | 80 | 2,900 | 6,096 | 4,023 |
| | | | 3,100 | 6,516 | 4,301 |
| | | | 3,300 | 6,937 | 4,578 |
| | | | 3,500 | 7,357 | 4,856 |

7ALT - LOW PRESSURE - 3000 PSI

| GPM | OUTPUT SPEED | | PSI | OUTPUT TORQUE | |
|-----|---------------------|----------------------|-------|---------------------|----------------------|
| | HI TORQUE LOW SPEED | LO TORQUE HIGH SPEED | | HI TORQUE LOW SPEED | LO TORQUE HIGH SPEED |
| 8 | 10 | 15 | 1,000 | 2,444 | 1,613 |
| 12 | 15 | 23 | 1,200 | 2,933 | 1,936 |
| 16 | 20 | 30 | 1,400 | 3,422 | 2,259 |
| 20 | 25 | 38 | 1,600 | 3,911 | 2,581 |
| 24 | 30 | 46 | 1,800 | 4,400 | 2,904 |
| 28 | 35 | 53 | 2,000 | 4,889 | 3,226 |
| 32 | 40 | 61 | 2,200 | 5,377 | 3,549 |
| 36 | 45 | 68 | 2,400 | 5,866 | 3,872 |
| | | | 2,600 | 6,355 | 4,194 |
| | | | 2,800 | 6,844 | 4,517 |
| | | | 3,000 | 7,333 | 4,840 |

OPTIONAL EXTRAS

- Ryno Piling cradle
- Drive Linkages
- Excavator Mounts/Hitch
- Diggalign - Pile/Auger Alignment system
- Torque Monitoring - Pressure Differential Gauge
- Torque Logic - Pile Alignment / Data Logging system

Output speed and torque specifications are THEORETICAL. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. This document should be used for information and comparative purposes only. When determining criteria, & application specific information is required, please contact DIGGA.