## HOW TO SELECT YOUR
## TRW ROSS TORQMOTORS HIGH TORQUE LOW SPEED MOTORS

Use **STANDARD** Gerator Motor for 1000 PSI to 2000 PSI Pressure.
Use **MEDIUM** Gerotor Motor for 1000 PSI to 2500 PSI Pressure.
Use **HEAVY** Gerator Motor for 1000 PSI to 3000 PSI Pressure.
Use **EXTRA-HEAVY** Gerator Motor for 1000 PSI to 4000 PSI Pressure.

Maximum pressure should be considered extreme usage and for short duration.
The numbers indicate first, second, and third choice motor for the machine you want to drive depending upon your tractors oil output.
**REMEMBER** that your **TRACTOR** provides the **HORSEPOWER** to drive the motor.

The **DIFFERENT SIZE MOTORS** only turn that **HORSEPOWER** into **MORE TORQUE & LESS SPEED** or **LESS TORQUE & MOTOR SPEED** and just act like a **GEARBOX** and **YOU** are **CHOOSING THE GEAR RATIO.**
Flow in gallons per minute gives you the speed; pressure in PSI gives you the torque. Torque times speed divided by 63025 gives you horsepower. Torque is nearly constant over the pressure range. The Torque is generally 15 to 20% less starting than running. If possible you should start empty (unloaded) and then load the motor.

**TG0960 - LIMIT TOP PRESSURE TO 1000 PSI** **TF0360 - LIMIT TOP PRESSURE TO 1500 PSI**
**TE0330, TE0295, TE0260, TB0296, TB0260 - LIMIT TOP PRESSURE TO 1200 PSI**

| TRW Very Heavy Duty | TRW Heavy Duty | TRW Med. Duty | TRW Std. Duty | Speed Per Gal.at Cont. Rate PSI & RPM per GPM | In Lbs. Tor-que Per 100 PSI | Under Load Appx. Max. Speed RPM | 4" Augers Up to 30 Feet | 5" Augers Up to 30 Feet | 6" Augers Up to 40 Feet | 6" Augers Up 40 Feet to 60 Feet | 7" Augers Up to 30 Feet | Elevators with Speed Jack Up to 60 Feet | Elevators with Boot Shaft | Combine Discharge Auger | Blender Mixer | Bale Conveyor | Sprayer Pumps | Post Hose Digger with 9" Auger | Unloader Wagon | Drill Fill Auger |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TG0960 | | | | 4 | 691 | 76 | | | | | | | | | | | | | | |
| TG0785 | | | | 4 | 582 | 76 | | | | | | | | | | | | | | |
| TG0530 | | | | 6 | 416 | 127 | | | | | | | | | | | | | | |
| TG0475 | | | | 7 | 366 | 145 | | | | | | | | | | | | | | |
| TG0335 | | | | 10 | 278 | 197 | | | | | | | | | | | | | | |
| | TF0360 | | | 10 | 276 | 200 | | | | | | | | | | | | | | |
| | | TE0330 | | 11 | 212 | 164 | | | | | | | | | | | | | | |
| | | | TB0330 | 11 | 213 | 132 | | | | | | | | | | | | | | |
| TG0280 | | | | 12 | 235 | 245 | | | | | | | | | | | | | | |
| | | TE0295 | | 12 | 190 | 186 | | | | | | | | | | | | 3 | | |
| | | | TB0295 | 12 | 203 | 149 | | | | | | | | | | | | 2 | | |
| | TF0280 | | | 13 | 219 | 257 | | | | | | | | | | | | 1 | | |
| | | TE0260 | | 14 | 169 | 206 | | | | | | | | | | | | | | |
| | | | TB0260 | 14 | 182 | 164 | | | | | | | | | | | | | | |
| TG0240 | | | | 14 | 200 | 288 | | | | | | | | | | | | | | |
| | TF0240 | | | 15 | 189 | 301 | | | | | | | | | | | | | 2 | |
| | | | TB0230 | 16 | 170 | 189 | | | | | | | | | | | | | | |
| | | TE0230 | | 16 | 159 | 243 | | | | | | | | | | | | | | |
| TG0195 | | | | 17 | 157 | 349 | | | | | | | | | | | | | | |
| | | TE0195 | | 18 | 149 | 216 | | | | | | | | | | | | | | |
| | | | TB0195 | 18 | 145 | 219 | | | | | | | | | | | | | | |
| | TF0195 | | | 18 | 175 | 275 | | | | | | | | | | | | 1 | | |
| | TF0170 | | | 21 | 133 | 315 | | | | | | | | | 1 | | | | | |
| | | TE0165 | | 22 | 127 | 259 | | | | | | | | | 1 | | | | | |
| | | | TB0165 | 22 | 123 | 263 | | | | | | | | | 1 | | | | | |
| TG0140 | | | | 25 | 115 | 494 | | | 3 | 3 | | | | | | | | | | |
| | TF0140 | | | 26 | 110 | 368 | | | 3 | 3 | | 3 | 3 | | | 3 | | | | |
| | | TE0130 | | 27 | 101 | 320 | | | 3 | 3 | 2 | | | | | | | | | |
| | | | TB0130 | 27 | 99 | 324 | | | 3 | 3 | 2 | | | | | | | | | |
| | TF0130 | | | 29 | 99 | 427 | 3 | 3 | 2 | 2 | 1 | 2 | 2 | 2 | | | | | | |
| | | TE0100 | | 35 | 73 | 421 | 3 | 3 | 2 | 2 | 1 | | | 1 | | 2 | | | | |
| | | | TB0100 | 36 | 72 | 430 | 3 | 2 | 2 | 1 | 1 | | | 1 | | | 2 | | | |
| | TF0100 | | | 36 | 77 | 540 | 3 | 2 | 1 | 1 | | 1 | 1 | | | 1 | | | | 3 |
| | TF0080 | | | 40 | 64 | 476 | 3 | 2 | 1 | 1 | | | | | | | | | | |
| | | | TB0080 | 42 | 61 | 375 | 3 | 2 | 1 | | | | | | | | | | | |
| | | TE0080 | | 42 | 60 | 501 | 2 | 1 | 1 | | | | | | | | 1 | | | |
| | | TE0065 | | 55 | 47 | 660 | 2 | 1 | | | | | | | | | | | | 2 |
| | | | TB0065 | 55 | 47 | 497 | 2 | 1 | | | | | | | | | | | | |
| | | TE0050 | | 69 | 36 | 624 | 1 | 1 | | | | | | | | | | | | |
| | | | TB0050 | 71 | 35 | 637 | 1 | 1 | | | | | | | | | | | | |
| | | TE0045 | | 77 | 29 | 690 | 1 | | | | | | | | | | | | | 1 |
| | | | | 79 | 28 | 712 | 1 | | | | | | | | | | | | | |