



TGF 1810-147

| | Tolerance | Symbol | Units | A | B | C | D | E |
|--------------------------------|-----------|----------------|------------------------|-------|------|------|-------|------|
| Volts Sensitivity | ± 10% | Kg | V/Krpm | 12.5 | 20 | 7 | 32.5 | 15.7 |
| DC Resistance | ± 12.5% | R _T | Ω | 35 | 93 | 13 | 234 | 59 |
| Inductance | ± 30% | L _G | mH | 24 | 62 | 7.5 | 165 | 39 |
| Min Load Resistance | Min | R _L | Ω | 3.5K | 9.3K | 1.3K | 23.5K | 5.9K |
| Ripple Voltage | Nominal | V _r | % pk - pk | 4 | | | | |
| Predominant Ripple Fre | Nominal | Fr | cycles/rev | 50 | | | | |
| Max Winding Temp. | Nominal | T | °C | 130 | | | | |
| Tach Generator Weight | Nominal | M | ozs. | 16.5 | | | | |
| Rotor moment of Inertia | Nominal | J | oz-in-sec ² | 0.005 | | | | |
| Reversing Error | Nominal | / | % | 1 | | | | |
| Linearity | Nominal | / | % | 1 | | | | |
| Tacho Friction Torque | Nominal | T _f | oz-in | 2 | | | | |
| Hub bore diameter | Nominal | d | inches | 0.472 | | | | |