

CL23 SERIES SPECIFICATIONS

High Response Coupling



| MODEL | NOMINAL TORQUE (Nm) | MAX. TORQUE (Nm) | MAX. ROTATIONAL FREQUENCY (rpm) | MOMENT OF INERTIA (kg.m ²) | STATIC TORSIONAL STIFFNESS (Nm / rad) | ERRORS OF ECCENTRICITY (mm) | ERRORS OF ANGULARITY (°) | ERRORS OF SHAFT END-PLAY (mm) | N.W. (g) |
|-----------|---------------------|------------------|---------------------------------|--|---------------------------------------|-----------------------------|--------------------------|-------------------------------|----------|
| CL23-C15S | 1.1 | 2.2 | 42,000 | 1.86×10 ⁻⁷ | 110 | 0.15 | 1.5 | ±0.2 | 6.8 |
| CL23-C15 | 1.1 | 2.2 | 42,000 | 2.41×10 ⁻⁷ | 110 | 0.15 | 1.5 | ±0.2 | 7.5 |
| CL23-C20 | 2.1 | 4.2 | 33,000 | 8.59×10 ⁻⁷ | 240 | 0.15 | 1.5 | ±0.2 | 15 |
| CL23-C25 | 4.0 | 8.0 | 25,000 | 2.60×10 ⁻⁶ | 390 | 0.15 | 1.5 | ±0.2 | 28 |
| CL23-C30 | 6.3 | 13.6 | 21,000 | 6.25×10 ⁻⁶ | 590 | 0.2 | 1.5 | ±0.3 | 47 |
| CL23-C35 | 8.0 | 16 | 18,000 | 1.17×10 ⁻⁵ | 890 | 0.2 | 1.5 | ±0.3 | 65 |
| CL23-C40 | 13.5 | 27 | 16,000 | 2.75×10 ⁻⁵ | 1,100 | 0.2 | 1.5 | ±0.3 | 112 |
| CL23-C45 | 18 | 36 | 14,000 | 4.43×10 ⁻⁵ | 1,300 | 0.2 | 1.5 | ±0.3 | 148 |

(1) Moment of inertia and weight are based on the maximum size bores. (2) The maximum speed does not consider dynamic balance.