



VIBRATORY SERVICE RATED MOTORS

General Kinematics Vibratory Service Rated (VSR) Motors are designed to withstand the substantial G-forces of two-mass vibratory equipment, which are much greater than found in typical brute force applications.

This latest generation of motors are an evolution of 50 years of experience in designing vibratory equipment. Significant advances in engineering, tooling, life-cycle testing and technology have resulted in the most reliable motor available for vibratory applications.

Built in conjunction with Marathon Electric, each motor is custom-designed to application requirements utilizing 6 Sigma Process Criteria. Motors are also UL Rated for explosion proof applications.

GK's VSR Motors are a direct replacement for legacy motor designs found in GK Feeders & Screens.



Features

- ✓ Internal / External Corrosion resistant epoxy coating for severe-duty operation in the most difficult environments.
- ✓ Special alloy castings withstand extreme G-forces produced by vibration.
- ✓ All motors utilize inverter duty magnet wire.
- ✓ Unique torque curve for rapid RPM ramp up capabilities for reliable and consistent startup.
- ✓ Special heavy-duty conduit box construction protects electrical connection.

