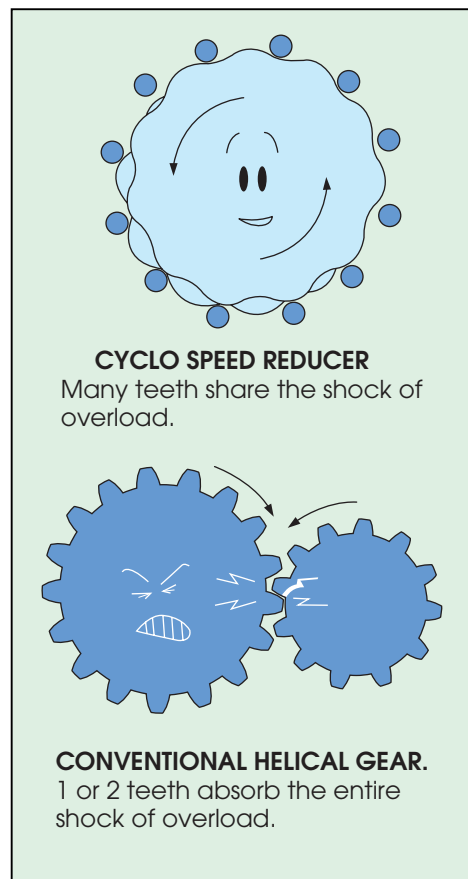


FEATURES AND BENEFITS



Overload Capacity - 500%

Because the CYCLO's external gear has an epitrochoidal tooth profile, which provides a high contact ratio, the teeth can't be sheared off. It has the strength to withstand overload shocks that break the teeth of ordinary reducers.

Outstanding Reliability-2 Year Warranty

CYCLO speed reducers are known for outstanding reliability and extended operating lifetime. With proper care, 20 years of problem-free operation is not unusual. This reliability is not only due to high material specifications, component quality controls and careful assembly procedures, but also due to the complete absence of sliding friction. Correctly sized and selected CYCLO gearmotors and speed reducers are covered by a two-year warranty.

Robust Construction

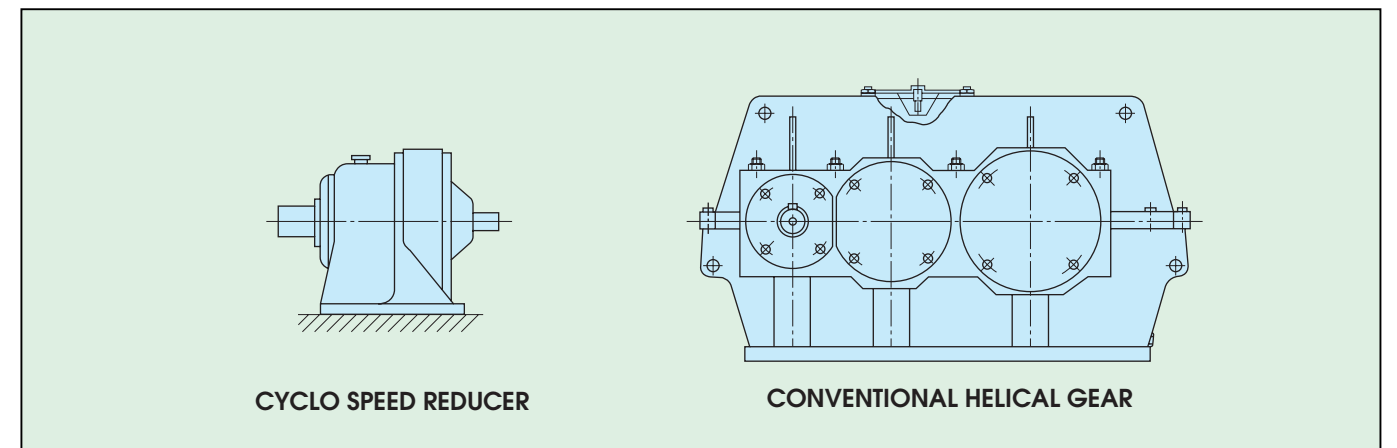
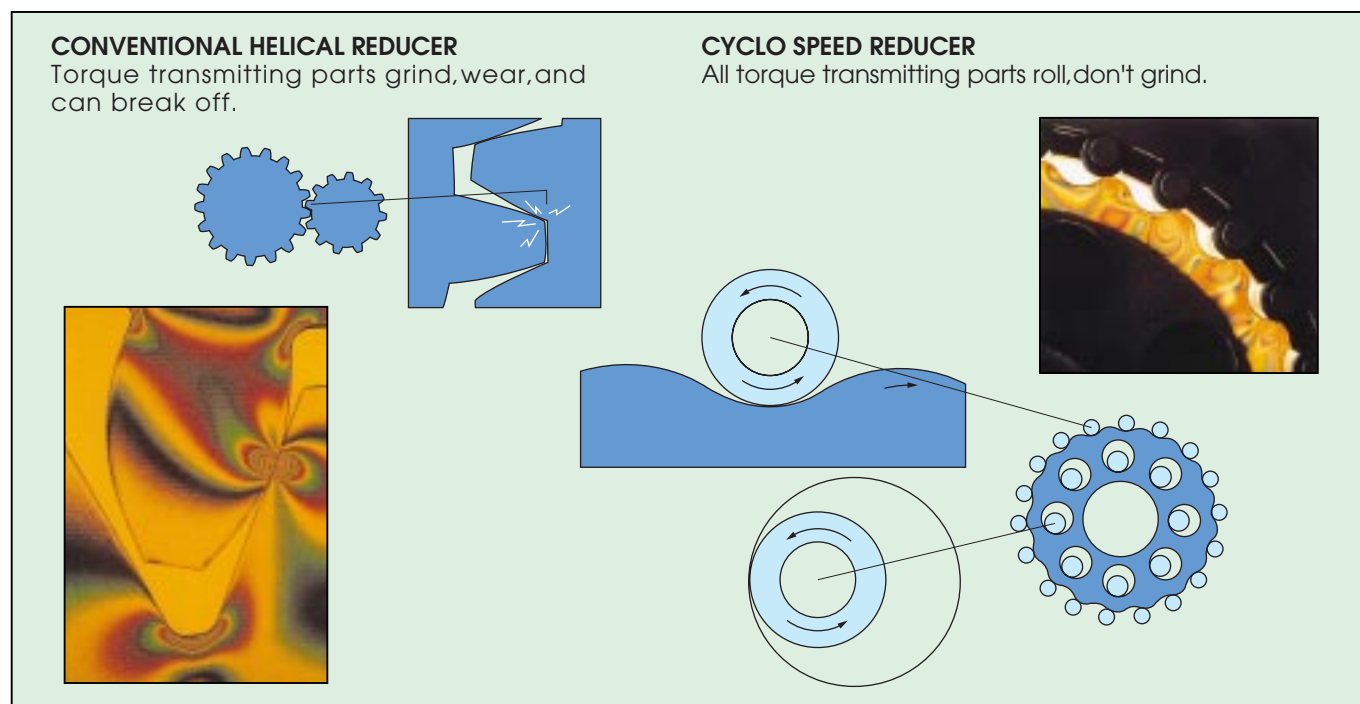
CYCLO housings are made of gray cast iron, except for the two smallest sizes, which are aluminium. All the power transmitting components are made from 52100 bearing grade steel that is hardened and ground.

Ideal for Dynamic Applications

Since inertia is very low, the CYCLO speed reducer is ideally suited for frequent start-stop-reversing duties in combination with an adjustable frequency inverter.

Low Noise

When compared with the sliding tooth contact of conventional gearing, the rolling contact of the CYCLO system reduces noise levels.



Compact Size

Single stage reduction ratios are available from 6:1 to 119:1, double stage up to 7,569:1 and triple stage up to almost 1,000,000:1. Fewer stages provide a much smaller footprint and envelope.

Overall Economy

Competitive initial cost, high reliability, long life and minimal maintenance give CYCLO speed reducers superior overall economy when compared to conventional gearboxes.

Motor Integral to the CYCLO

Standard gearmotors have directly fitted three-phase motors that meet JIS. Brakemotors are available upon request. Consult the factory when a two-speed motor is required.

Very Compact Size

A compact precision design motor has been developed for integral coupling with the CYCLO DRIVE.

Extruded Aluminium Alloy Motor Frame

50% stronger than die cast aluminium.

Low Inertia

The compact motor design keeps inertia low and makes this motor an ideal match for the low inertia CYCLO speed reducer.

Excellent Heat Dissipation

Outstanding heat dissipation makes the CYCLO gearmotor ideal for adjustable frequency inverter applications.

