

'6012' Supercar Transverse Synchronmesh Gearbox

The Xtrac 6012 Synchronmesh Transaxle is a cost effective transverse gearbox that can be used in high performance Supercars. Suitable for Mid / Rear engined rear wheel drive sports and GT cars.

Specification

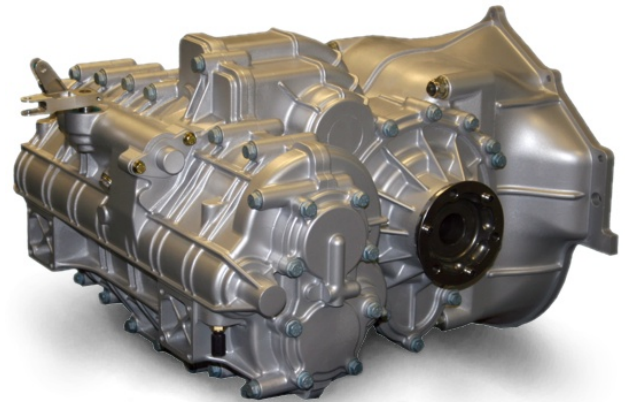
- 6 Speed high performance supercar transaxle.
- 'H' pattern manual shift.
- 1,100Nm input torque (depending upon duty cycle).
- Gear ratio range to suit application.
- Helical gear ground gears optimised for refinement and strength.
- Full form ground bevel gears for refinement and strength.
- Multi cone synchronisers on all forward gears.
- Synchronised reverse gear.
- Gearbox casing material is high strength Aluminium alloy L169.
- Smooth acting plate limited slip differential (LSD).
- Range of drop gears to adjust speed range to suit various engine / chassis combinations.
- Clutch shaft to suit customer installation is included.
- Xtrac manufactured output flanges are included to suit customers joints.
- Re-circulating oil lubrication system with thermostatically controlled pressure feed to all critical areas.
- Universal front face bolt pattern to suit adaptor / bellhousing.
- Weight approximately 210lb* (97kg)

The gearbox offers the following benefits

- Compact packaging and short overall length to minimise vehicle rear overhang.
- Configuration allows easier compliance with federal rear crash legislation.
- Light, positive gearchange.
- Narrow output flange dimension.
- Output close to rear face of Engine.
- Output height optimised for ground clearance.
- Oil cooler inlet & outlet ports.
- Cost effective, reliable solution.

Options Summary

- Super polished ratios & final drive.
- In car gear lever assembly.
- Automated manual shift option.



Why choose Xtrac?

Quality

- Strict quality assurance procedures are carried out at every stage of manufacture.
- Steels manufactured to Xtrac's own specifications.
- Every unit dynamically test run prior to dispatch.

Performance

- Xtrac's advanced engineering solutions keep our customers ahead of the competition.
- Xtrac's in-house manufacture provides rapid response.
- Our processes and procedures are continually monitored and evolved to increase efficiency.

Reliability

To finish first, first you have to finish... Xtrac's track record speaks for itself:

- 26 Formula One World Championships
- 20 CART Championships
- 15 Indy 500 Victories
- 21 Touring Car Championships
- 23 World Rally Championships
- 10 Le Mans/Daytona 24 Hour Victories
- 14 Dakar Rally Victories
- 5 NHRA Drag Racing Championships
- 8 AMA MX/SX Championships

Further information is available on this product from:

Xtrac Limited,
Gables Way, Kennet Park,
Thatcham, Berkshire,
RG19 4ZA
England

Cliff Hawkins,
Development Director.
Tel: +44 1635 293841
Email: cliff_hawkins@xtrac.com

Xtrac Inc,
6183 W. 80th Street,
Indianapolis,
IN 46278
USA

Andrew Heard,
Vice President.
Tel: +1 317 472 2454,
Email: andrew_heard@xtrac.com