

247 HEAVY DUTY FRONT OR REAR DIFFERENTIAL

The 247 heavy duty differential, is an independent unit designed for either front and/or rear drive applications, typically for Cross Country, Rallye Raid vehicles or Sportscars.

Universal mountings allow unit to be mounted for all shaft rotations and positions (Front and Rear). The oil system has been designed to operate in all possible orientations. These features combined with the unit's high quality, low cost attributes make this product ideal for a wide variety of endurance type events.

SPECIFICATION

- 4,000Nm (2,950lbf ft) maximum output torque.*
- Cast Aluminum L169 Alloy casing and side cover.
- Universal mounting points.
- Plate differential with ZF008 type internals.
- Crown wheel & pinion with hard cut tooth form for greater strength & life.
- Many different ratios available.
- Differential mounted on heavy duty taper roller bearings.
- Recirculating wet sump oil system.
- Oil Pump, eccentric 6mm-rotor type.
- External filter, with internal magnet.
- Prop shaft flange options: \varnothing 100 mm Lobro or Universal Joint.
- Output flanges to suit Lobro AV125 joints (\varnothing 128mm)
- Input and output flange lip seals with additional dust shields
- Differential weight is approximately 37kg (81.5lb).*

THE DIFFERENTIAL OFFERS THE FOLLOWING BENEFITS

- Universal orientation mounting.
- Proven Dakar credentials.
- Cost effective, reliable solution.

OPTIONS SUMMARY

- Epicyclic Viscous Limited Slip Differential.
- Different ratings of viscous coupling are available.
- Front axle installation kit, half shaft and support casting.
- Magnesium Castings.
- Large selection of ramp options.
- Various final drive ratios.
- Xtremed polished final drive.
- Oil pump performance to suit applications.
- Medium duty '407' differential also available.
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WHY CHOOSE XTRAC?

The value of Xtrac's competitive advantage is well recognised by the champions and one make series who already rely on their expertise, in addition to individual teams running on modest budgets. Success is summarized by Xtrac's watchwords:

QUALITY

To maintain their position as the leading supplier of high performance transmissions, Xtrac operate a continuous re-investment policy.

PERFORMANCE

Supplying championships such as IRL, BTCC, GRAND-AM, FIA Super 2000, Formula Le Mans and most recently, Brazilian Stockcar and Argentina's TC2000, Xtrac's track record speaks for itself.

RELIABILITY

Xtrac's advanced engineering solutions keep their customers ahead of the competition in the most grueling endurance events – from Dakar to Daytona and from Monte Carlo to Le Mans – all the way to the chequered flag.



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*Approximate only, see Notes Document for details.

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