MF-2WD
TRANSVERSE SEQUENTIAL TRANSAXLE

- Sequential shift 6-speed transaxle designed for use in the two-wheel-drive racecars.
- Torque rating for endurance events is 700Nm (520ft.lb).
- The gearbox is fitted with 6 forward gears, a reverse gear set and a ring & pinion. All gears are profile ground for increased efficiency and durability.
- All gears have an extensive range of ratios available, the 1st pinion gear is integral with the shaft.
- Engine side is fitted with a removable bellhousing.
- A clutch plate limited slip differential is included, featuring multiple ramp and preload adjustments.
- The internal lubrication system consists of a magnetic / paper element filter, an oil pump with provision for an external cooler, a spray bar to feed cooled oil directly onto the gears, through-shaft lubrication to all needle roller bearings and oil feed through the differential.
- Input is via a removable quill-shaft which can be customised to suit individual requirements.
- Holinger can supply optional high strength output shafts if required. Output is available with bolt up flanges, integral tripods or can be customised to suit requirements.
- A stand-alone gear-lever system with an integral shift-cut trigger is available. Holinger can supply a complete floor mounted system with cables to interface with the gearbox.
- A gear position sensor is supplied for interfacing with an electronic dash display.
- An optional stand-alone gear indicator display is available for cars not fitted with an electronic dash.
- A temperature sensor can be installed on the gearbox (M12x1.5).
- Case hardened Nickel Chrome steel is used for all gears and shafts.
- The selector forks are manufactured from high tensile, nitrided steel.
- Casings are sandcast Aluminium alloy, heat treated to T6 specifications.
- O-ring seals are used on all joint faces.
- Gearbox weight is 48kg (106lbs).

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