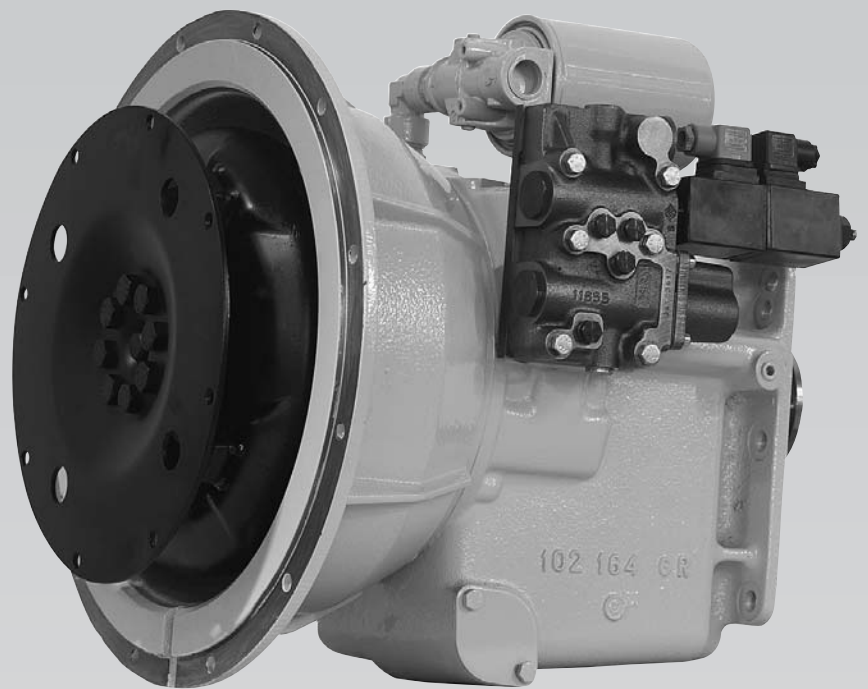


TRANSFLUID



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REVERMATIC POWER SHIFT
TRANSMISSION

REVERMATIC POWER SHIFT TRANSMISSION

REVERMATIC is a Power Shuttle expressly studied for industrial applications, requiring quick directional reversing and smooth clutch engagement.

It basically consists of a hydraulic operated, self contained planetary gear, connected to the engine flywheel through a wide range of hydrodynamic, single stage Torque Converters, the capacity of which is selected according the engine rating and the application.

Through the Torque Converter the mechanical connection is eliminated and power is smoothly transmitted.

REVERMATIC Power Shuttle is available with an output flange for remote mounting through an universal joint or it can also be adapted to suit a variety of auxiliary units, as e.g, axles and multi-speed gear boxes.

The hydraulic clutches are operated by a hydraulic selector, electrically actuated, including, as standard equipment, a "soft shift device".

The selector can be used as quick release valve and on request can include an inching control valve.

The hydraulic system has an integrated oil pump, driven by the engine, and a high flow facility for a total oil filtration. The oil pump feeds the torque converter, the clutches, the cooling and lubrication system.

TECHNICAL DATA

- Nominal rating
- max converter output torque (at stall)
- max input speed

- single stage, 2 phase Torque Converter
- max converter Stall Torque Ratio

- engine flywheel housing SAE J 617
- engine flywheel SAE J 620
- output flange for universal joint

- gear ratios

- operating pressures:
clutches
cooler

- dry weight
- oil capacity

70 kW
600 Nm
3000 rpm } **all applications must be approved**

W 280
2.93

SAE 3 or 4
10" standard (others on request)
DIN 100

Forward = 1:1

Reverse = 0.85:1

12 bar
2 - 3 bar

108 kg
9 litres

APPLICATIONS:

- material handling machines, shop and off road vehicles
- earth moving machines:
front loaders, back-hoe loaders, dumpers
- industrial and airport tractors
- mobile cranes
- marble sawing machines
- shunt locomotives and rail vehicles
- forest and mining vehicles
- winches
- ski-lifts
- utility vehicles

REVERMATIC

