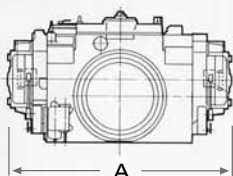
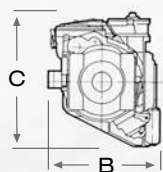
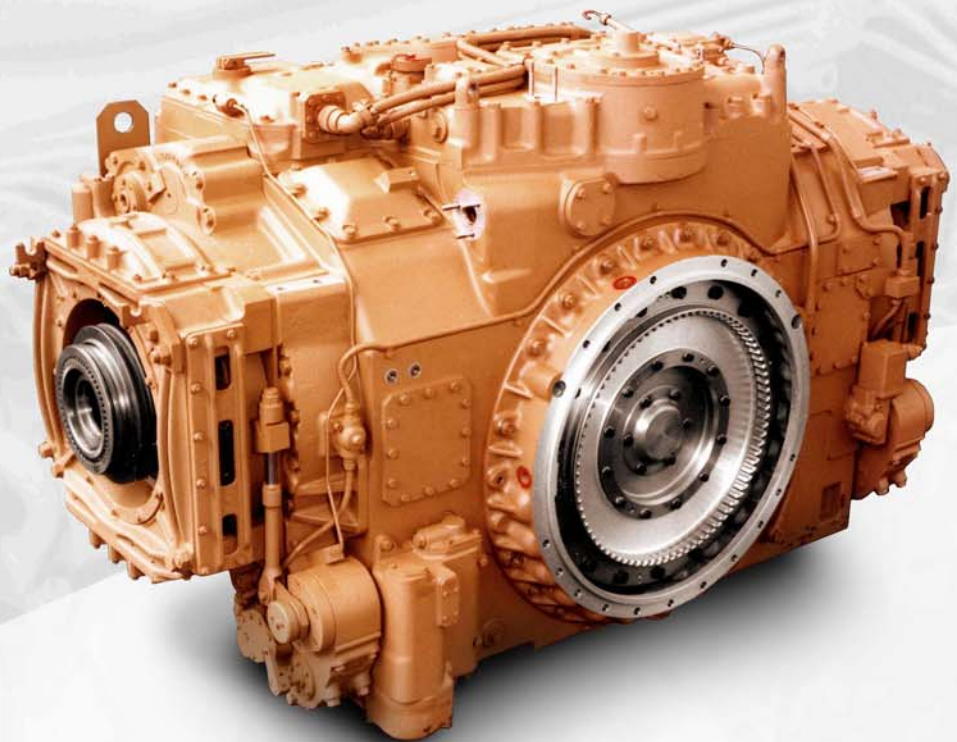


# RK 304S

RENK RK 304S  
for 60t class tracked vehicles  
Power Range 600 - 1,050 kW

The RK 304S is a T-configuration four speed transmission for howitzers and main battle tanks incorporating two radii steer system. It is water cooled and equally suitable for new developments and retrofits.



Dimensions (AxBxC)	1,610 x 770 x 940 mm
Maximum engine power	1,030 kW (1,380 HP)
Vehicle weight, typical	60t class
Power shift transmission	4 speed forward 4 speed reverse
Overall ratio mechanical	4.8
Stall torque ratio	2.5
Transmission weight (dry)	2,300 kg
Brake system	integrated, high performance

## Technical Characteristics

- Direction of output shaft rotation forward/reverse is freely selectable
- Front or rear vehicle installation
- Powerpack design
- Manual and fully automatic power shifting with electrical remote control
- Mechanical emergency gear shift system
- Torque converter with automatic lock-up clutch
- Two-radii superimposed steering system with stabilized straight ahead travel
- Pivot turn and neutral turn around the vertical vehicle axis
- Hydrodynamic/mechanical dual circuit integrated brake system
- Primary side retarder for sustained braking action
- Service and parking brake
- Power-take-off
- Engine can be started by towing the vehicle

## Reference Vehicles



MBT ARJUN

- Main Battle Tank ARJUN (59t, India)
- Main Battle Tank T-54 RAMSES (55t, Egypt)
- Main Battle Tank M60 Upgrade (60t, Turkey)
- Main Battle Tank M60 (60t, USA Demoversion)
- Main Battle Tank M48 (52t, Germany Demoversion)
- Main Battle Tank CENTURION (52t, Switzerland Demoversion)



MBT M60 Upgrade



MBT M48



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