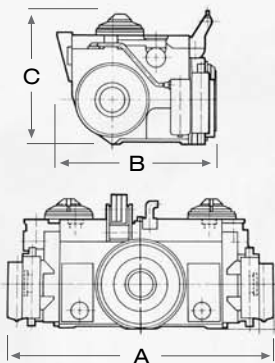
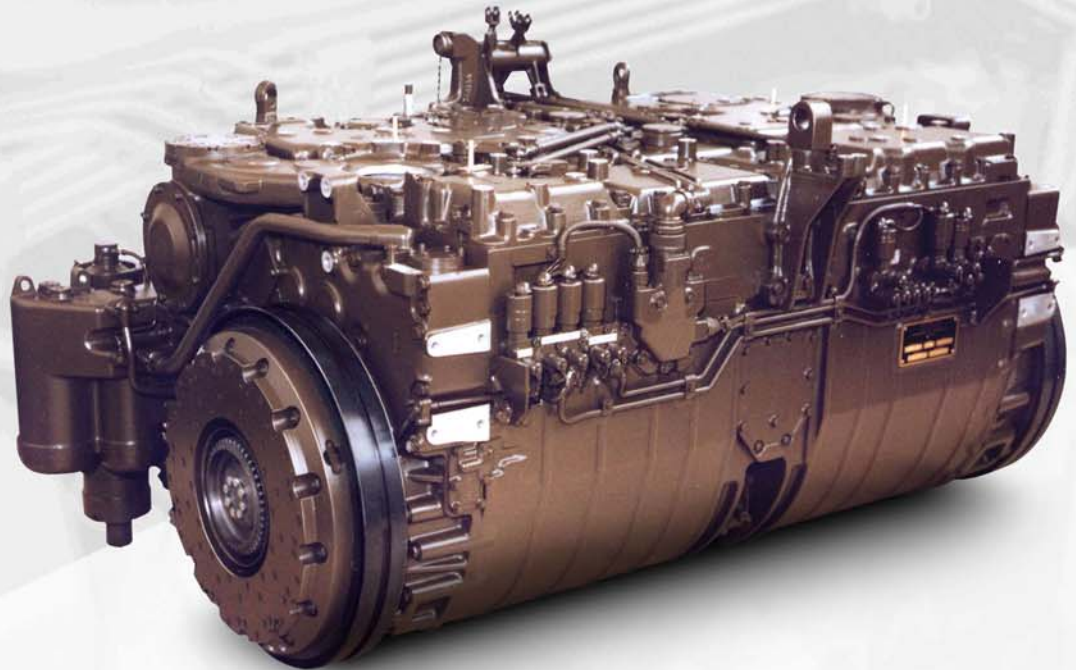


HSWL 354

RENK HSWL 354
for 60t class tracked vehicles
Power Range 900 - 1,300 kW

The HSWL 354 is a highly proven and reliable transmission as used in the world beating Leopard 2 main battle tank and Leopard 2 family. The latest version is volume produced since 1983 and is in service with 11 western countries to date, all fully supported by RENK.



Dimensions (AxBxC)	1,722 x 1,140 x 785 mm
Maximum engine power	1,320 kW (1,770 HP)
Vehicle weight, typical	60t class
Power shift transmission	4 speed forward 4 speed reverse
Overall ratio mechanical	4.75
Stall torque ratio	2.5
Transmission weight (dry)	2,250 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
- Infinitely variable hydrostatic/hydrodynamic superimposed steering system
- Pivot turn and neutral turn around the vertical vehicle axis at infinitely variable speed
- Hydrodynamic/mechanical dual circuit integrated brake system
- Secondary side heavy duty retarder for service and sustained braking action
- Service and parking brake
- Power-take-off for fan drive
- Engine can be started by towing the vehicle

Reference Vehicles



MBT LEOPARD 2 S122



MBT LEOPARD 2A6



ARV BÜFFEL

- Main Battle Tank LEOPARD 2A6 (62t, Germany)
- Main Battle Tank LEOPARD 2 S122 (62t, Sweden)
- Main Battle Tank LEOPARD 2E (62t, Spain)
- Main Battle Tank LEOPARD 2A5 NL (60t, Netherlands)
- Main Battle Tank LEOPARD 2A5 (60t, Denmark)
- Main Battle Tank LEOPARD 2 HEL (62t, Greece)
- Main Battle Tank LEOPARD 2A4, Panzer 87 (55t, Switzerland)
- Main Battle Tank LEOPARD 2A4 (55t, Austria, Finland, Norway, Poland)
- Armoured Recovery Vehicle BÜFFEL (54t, Germany, Netherlands)



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