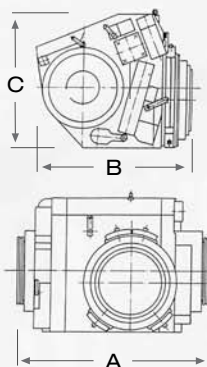


HSWL 106

RENK HSWL 106
for 30t class tracked vehicles
Power Range 300 - 530 kW

Besides the real breakthrough in weight and volume, this transmission features the latest developments of RENK and ensures highest mobility and performance of the vehicle, including difficult operating conditions or driver stress situations. It is ideal for high speed performance tracked vehicles and includes an excellent brake system. The reliability is extraordinary high and attributes to the safety of both vehicle and, most importantly, the crew. The HSWL 106 meets all Propulsion System Requirements for a modern tracked armoured vehicle.



Dimensions (AxBxC)	1,080 x 930 x 800 mm
Maximum engine power	530 kW (710 HP)
Vehicle weight, typical	30t class
Power shift transmission	6 speed forward 6 speed reverse
Overall ratio mechanical	6.3
Stall torque ratio	2.5
Transmission weight (dry)	1,450 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 superimposed steering system
- Pivot turn and neutral turn around the vertical vehicle axis at infinitely variable speed
- Hydrodynamic/mechanical dual circuit integrated brake system
- Service and parking brake
- Primary side retarder for sustained braking action
- Power-take-off
- Engine can be started by towing the vehicle

Reference Vehicles



Vehicle Family ASCOD

- Vehicle Family ASCOD (35t, Austria and Spain)
- Armoured Personal Carrier ULAN (35t, Austria)
- Armoured Personal Carrier PIZARRO (35t, Spain)
- Armoured Personal Carrier TROJAN (35t, Switzerland)



APC ULAN



APC PIZARRO



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