

RGR17T 4x4

TRANSFER CASE



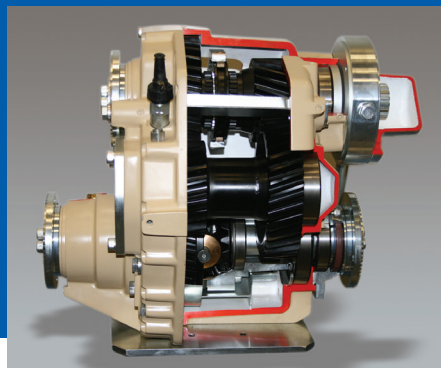
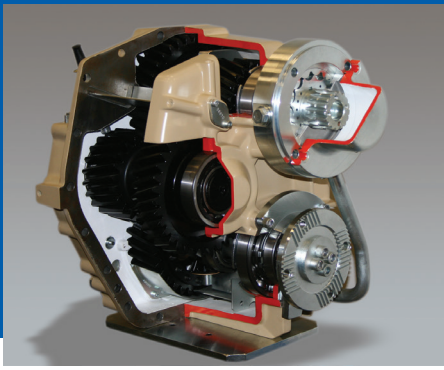
DENEL GEAR RATIO

Denel Gear Ratio

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DENEL VEHICLE SYSTEMS



The RGR 17T 4X4 transfer case is a compact, low noise, helical gear driven customised solution for the RG31 mine protected armoured personnel carrier vehicles in the 17 – 21 ton gross vehicle mass variants.

Technical Data

Max Input Torque	10840 Nm	
Max Output Torque	16820 Nm	
Max Input Speed	3700 rpm	
Inter Axle Differential	50:50 Torque split	Lockable
Neutral Function	Standard	
High/Low Ratio	1:1 / 2.45:1	Permanent all wheel drive
Pneumatic Shift Actuation	Air pressure 6-9 bar	
Input Drive Direction	Clockwise	
Power Take Off	Switchable	Can operate with vehicle stationary or in motion
Lubrication	Splash	Forced lubrication & filter
Max Permissible Operating Temp	120°C	Provision for external cooling
Weight (Dry)	200 kg	Cast iron casing
Flange Configuration	150KV70	100 mm offset front input/output
Condition Sensor		Oil temperature Speed Position indication high/low range/diff lock

Options & Features

Available as 6x6 version with planetary interaxle differential

67:33 torque split 23770 Nm max output torque

Disclaimer

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