



Transmission



Ejector & Air Cleaner Assy.



Final Drive

Aggregate for BMP : Transmission, Final Drive and Ejector & Air Cleaner Assy

TRANSMISSION

Ratings	Input power	Max. net	300 hp
	Input torque	Max. net	100 kgm
	Input speed	Max.	2600 rpm

Speeds	Direct-5, Reverse-1
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Gearing type	Mechanical with constant mesh gear
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Range	Forward	Reverse
	F1 : 5.250 to F5 : 0.858	R1 : 5.250
	Low range gear - 1.440	

FINAL DRIVE

Type	Single reduction planetary
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Gear ratio	5.5, max. input torque : 794 Kgm
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Overall length	468mm, Mass : 80 kg
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EJECTOR AND AIR CLEANER ASSEMBLY

The Ejector and Air cleaner assembly is mounted in the engine compartment attached to the hull transverse beam of Infantry Combat Vehicle. The Ejector and Air cleaner assembly is designed to create a flow of cooling air through the radiators by making use of the engine exhaust gas and also provides for the suction of the dust from the air cleaner for throwing it out with the exhaust by a cyclonic type device with automatic dust ejection from the dust collector. This unit is made out of special Aluminum alloy.