


**VEHICLE TYPE**

Combined sewer cleaning, Vacuum trucks and Fire trucks

**TRANSMISSION CODE**

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- The vertical intermediate gearbox with a torque capacity of 3800 kgm is designed for use in extra heavy-duty vehicles.
- Thanks to its special design, the PTO output can be used while the vehicle is moving or stationary.
- When the vehicle is in drive mode, it can transfer all incoming force to the differential.
- Any type of PTO can be connected to all 3 outputs as required.
- PTO outputs can be designed with DIN & ISO standard couplings or to directly couple SAE B, SAE C, and SAE D standard pumps. If a PTO output coupling is requested, there is an option to engage or disengage it at any time or to have a direct drive output (continuously engaged).
- If a second PTO output is provided, the PTO outputs can operate independently of each other.
- It can be designed with a self-cooling system using either an exchanger system or a cooling fan, depending on preference.



**TECHNICAL VALUES**

	Max Valuves	Ratio	Working RPM (MAX)
① & ②	37280 Nm	1/1	-
③ & ④	200Kw	1/1 - 1/1.1 - 1/1.3 - 1/1.5 1/1.6 - 1/1.7	2500-3500 Rpm
⑤ & ⑥	180Kw	1/1.27	2500-3500 Rpm

\* Output Power ; The rpm and output power may vary. Contact Kozmaksan for exact working values

Optimum Working Temperature	25°-70°	Weight	250Kg
Short-time Working Temperature	75°-80°	Body Material	GGG-50
Risky Working Temperature	85°-	Oil Type & Amount	ATF-320 12 lt

