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SPLIT SHAFT PTO

UARA.2006	Product Code
01 | 17.12.2025 | 01	Rev. Date





VEHICLE TYPE

- Fire Fighting Truck
- Water Truck

TRANSMISSION CODE

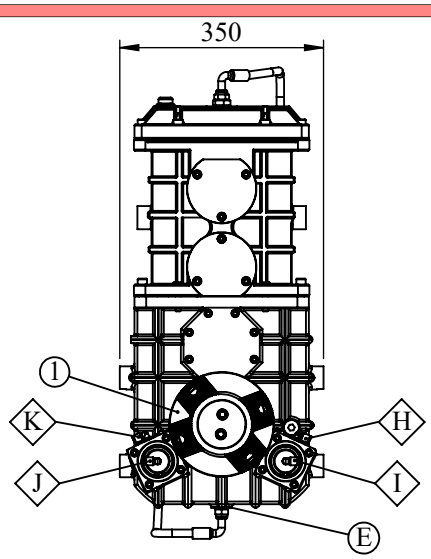
2100 KGM vertical Split Shaft PTO is designed for Heavy Duty trucks with 4-stage to be used over-chassis application. Pump&Roll Featured Gearbox can be installed as horizontal also. It can provide 100% of input speed. Control system can be pneumatic or mechanic. PTO output can be at differential side or cabin side. Second PTO output is the option. In case of double PTO, the output is requested, PTO outputs can be shifted independently. PTO outputs can be design with all ISO standard flanges as well as suitable housing for any kind of hydraulic pump. The cooling system can be mount on the gearbox. Engage/Disengage sensor can be installed to observe, if PTO is engaged or not, also RPM counter is another option.

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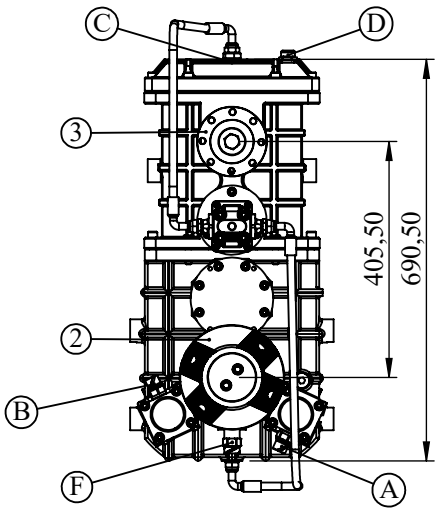
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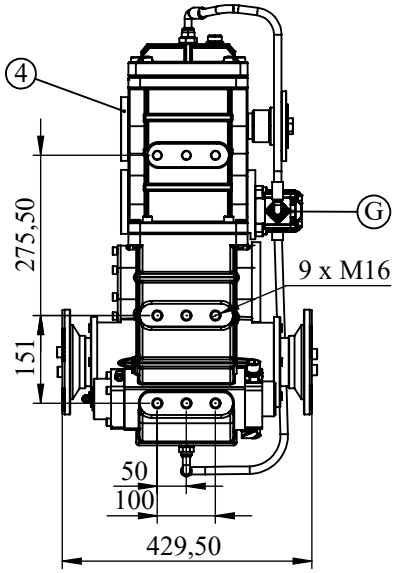
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Main Transmission Side



Differential Side



1	Main Input Flange
2	Differential Output Flange
3	Equipment Output (ops.)
4	Second Equipment Output (ops.)
A	Equipment Engage/Disengaged Sensor (ops.)
B	Main Drive Engage/Disengaged Sensor (ops.)
C	Oil Filler Plug
D	Air Plug
E	Oil Drain Plug
F	RPM Counter (ops.)
G	Lubrication pump
H	Air Inlet, Disengage Main Drive
I	Air Inlet, Engage Main Drive
J	Air Inlet, Disengage Top Output
K	Air Inlet, Engage Top Output

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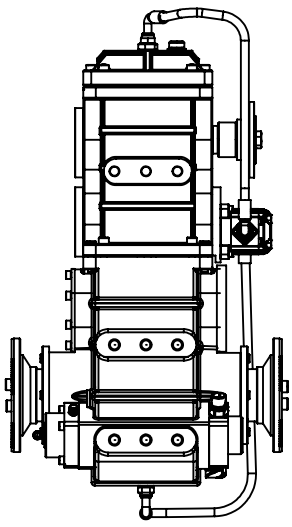
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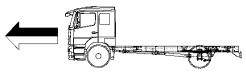
TECHNICAL VALUES			
	MAX VALUES	RATIO	WORKING RPM RANGE (MAX)
① & ②	20600 Nm	1/1	
③	185 kW	1/1 - 1/1.7 - 1/1.97	2800-3600 rpm

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

Optimum Working Temperature	25° - 70°
Short-term Working Temperature	75° - 80°
Risky Working Temperature	85°

WEIGHT	▫ 110 kg
BODY MATERIAL	Etial-171 (G-AlSi10Mg)
OIL TYPE & AMOUNT	SAE 90 & 5 lt



Engine Side  Diferantial Side