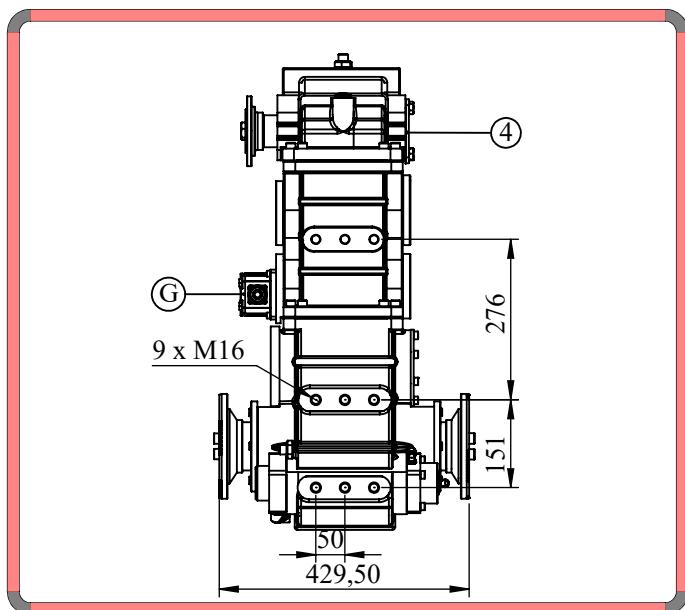
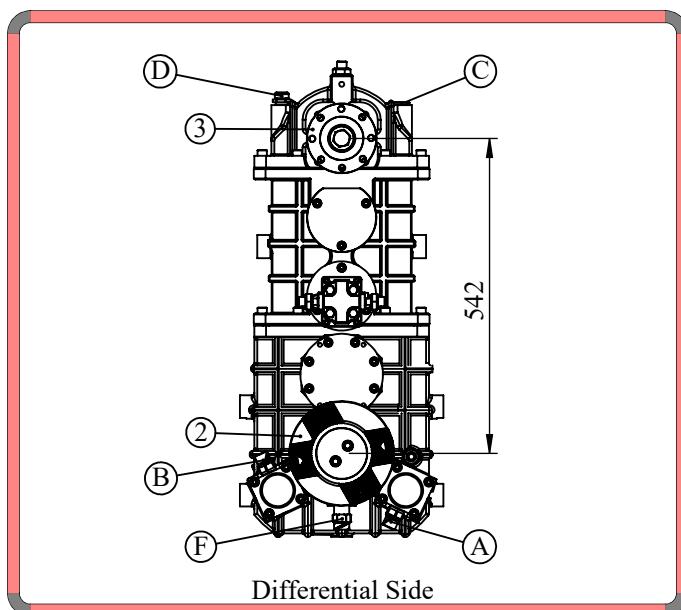
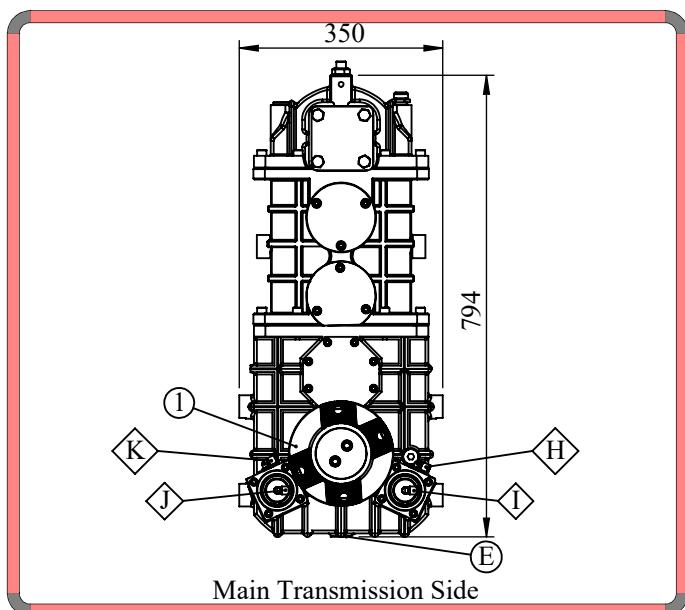

VEHICLE TYPE

- Fire Fighting Truck
- Water Truck

TRANSMISSION CODE

UARA.2005 is the highest member of 2000 Series. 2100 KGM vertical Split Shaft PTO is designed for Heavy Duty trucks with 5-stage to used over-chassis application. Pump&Roll Featured Gearbox can also be installed horizontally. It can provide 100% of input speed. Control system can be pneumatic or mechanic. PTO shaft can be at differential side or cabin side. Second PTO output is an option. In case of second PTO, the output is requested, PTO outputs can be shifted independently. PTO outputs can be designed with all ISO standard flanges as well as suitable housing for any kind of hydraulic pump. Lubrication system is built on the Gearbox. Engage/Disengage sensor can be installed to check if PTO is engaged or not, and also RPM counter is another option.



(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

TECHNICAL VALUES

	MAX VALUES	RATIO	WORKING RPM RANGE (MAX)
① & ②	20600 Nm	1/1	
③	185 kW	1/1 - 1/1.2 - 1/1.4 1/1.6 - 1/1.84 - 1/2.25	2800-3600 rpm

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

Optimum Working Temperature	25° - 70°	WEIGHT	130 kg
Short-term Working Temperature	75° - 80°	BODY MATERIAL	Etial-171 (G-AlSi10Mg)
Risky Working Temperature	85°	OIL TYPE & AMOUNT	SAE 90 & 5 lt

