


VEHICLE TYPE

Fire Fighting Truck
Fire Jeep
Water Truck

TRANSMISSION CODE

430 KGM vertical Split Shaft PTO is designed for light duty trucks with 2-Stage to be used under-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 an 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. 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. In case of drum brake is located on the behind of the main transmission, UARA.405 can be designed with drum brake if requested.

TECHNICAL VALUES			
	MAX VALUES	RATIO	WORKING RPM RANGE (MAX)
① & ②	430 KGM	1/1	
③	85 kW	1/1.44 , 1/1.3	2800-3600 rpm

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

Optimum Working Temperature	25°-70°C	WEIGHT	35 kg
Short-term Working Temperature	75°-80°C	BODY MATERIAL	AlSi10Mg /Etial-171
Risky Working Temperature	+85°C	OIL TYPE & AMOUNT	SAE 90 & 1,3 lt

