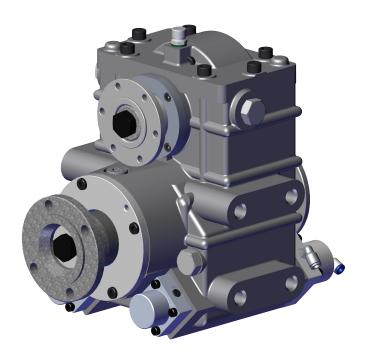
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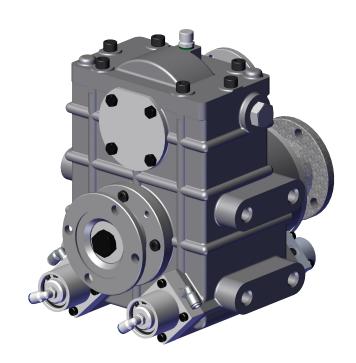
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Rev. Date





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.



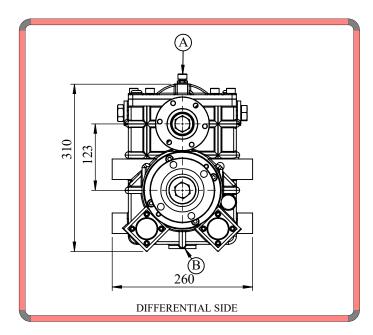
UARA.405

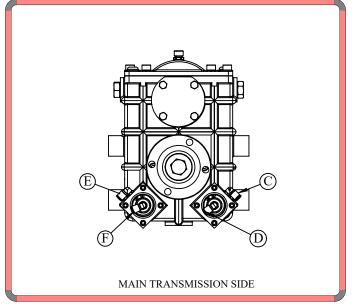
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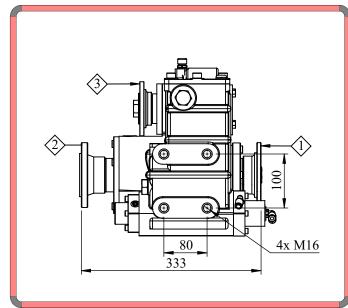
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Main input (ISO 7647 - ISO 7646 - ISO 8667 Standard Flange)

Main output (ISO 7647 - ISO 7646 - ISO 8667 Standard Flange)

First Equipment Output (ops.)

Air plug

Oil drain plug

C Air Inlet, Disengage Main Drive

Air Inlet, Engage Main Drive

Air Inlet, Engage Top Output

Air Inlet, Disengage Top Output

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01 Rev. Date

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

 $^{^{\}star}$ Output Power ; The rpm and output power may vary. Contact KMS for exact working values.

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

WEIGHT	35 kg	
BODY MATERIAL	AISi10Mg /Etial-171	
OIL TYPE & AMOUNT	SAE 90 & 1,3 lt	

