Product Code

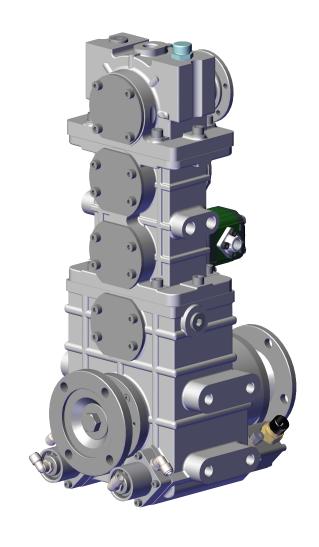
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15.12.2025

01

Rev. Date





VEHICLE TYPE

Fire Fighting Truck Fire Jeep Water Truck

TRANSMISSION CODE

UARA.407 is the highest member of 400 Series. 430 KGM vertical Split Shaft PTO is designed for light duty trucks with 5-Stage to 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 shaft 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 designed with all ISO standard flanges as 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 at the behind of the main transmission, UARA.407 can be designed with drum brake also.





SPLIT SHAFT **UARA.407**

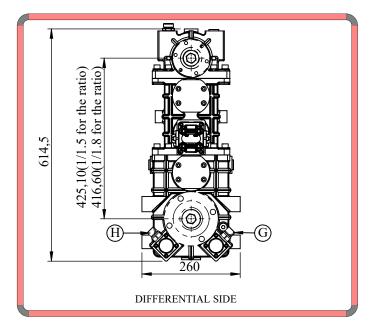
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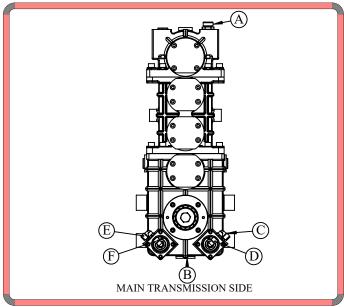
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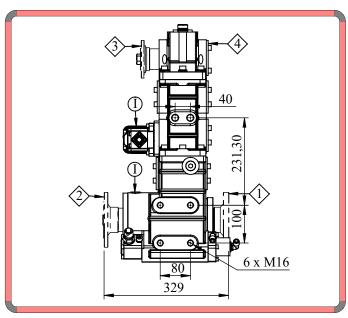
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Main input (ISO 7647 - ISO 7646 - ISO 8667 Standard Flange)



$\overline{\langle 2 \rangle}$	Main output (ISO 7647 - ISO 7646 - ISO 8667 Standard Flange)		
3	First Equipment Output (ops.)		
4	Second Equipment Output (ops.)		
A	Air plug		
\bigcirc	Oil drain plug		
(C)	Air Inlet, Disengage Main Drive		
(D)	Air Inlet, Engage Main Drive		
(E)	Air Inlet, Engage Top Output		
(F)	Air Inlet, Disengage Top Output		
<u>G</u>	Output Engage Disengage Sensor (ops.)		
H	Main drive Engage Disengage Sensor (ops.)		
(I)	Rpm Sensor (ops.)		
1	Oil Pump		

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TECHNICAL VALUES					
	MAX VALUES	RATIO	WORKING RPM RANGE (MAX)		
(1) & (2)	430 KGM	1/1			
3 & 4	125 kW	1/1.50 , 1/1.80	2500-3000 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	60 Kg	
BODY MATERIAL	AISi10Mg /Etial-171	
OIL TYPE & AMOUNT	SAE 90 & 2,5 lt	

