UARA.3008

Body Material / GJS-400-15 / DIN EN 1563

GJS-400-15 spheroidal cast iron widely used in the automotive industry. It has a specific weight of 7,15 gr/cm^3 , and fusion temperature interval of 1200-1250 °C. It has advanced corrosion , high wear and fatigue resistance. The basic advantages of this alloy include durability, high strength, good vibration damping and leak-proof properties.

Gear & Shaft Components/ DIN-1.7131

The steel is soft in its core tough, hard, and wear-resistant on the surface, and elastic on the impact points. It is also good for cementation and nitration heat treatment. The gears on UARA.3008 have 58-61 HRC surface hardness, and hardness depth of 1-1,2 mm

Connection Components/ DIN 912

It has min. 8.8 quality level and strength of min 800 Nm/mm^2.

On/Off sensor

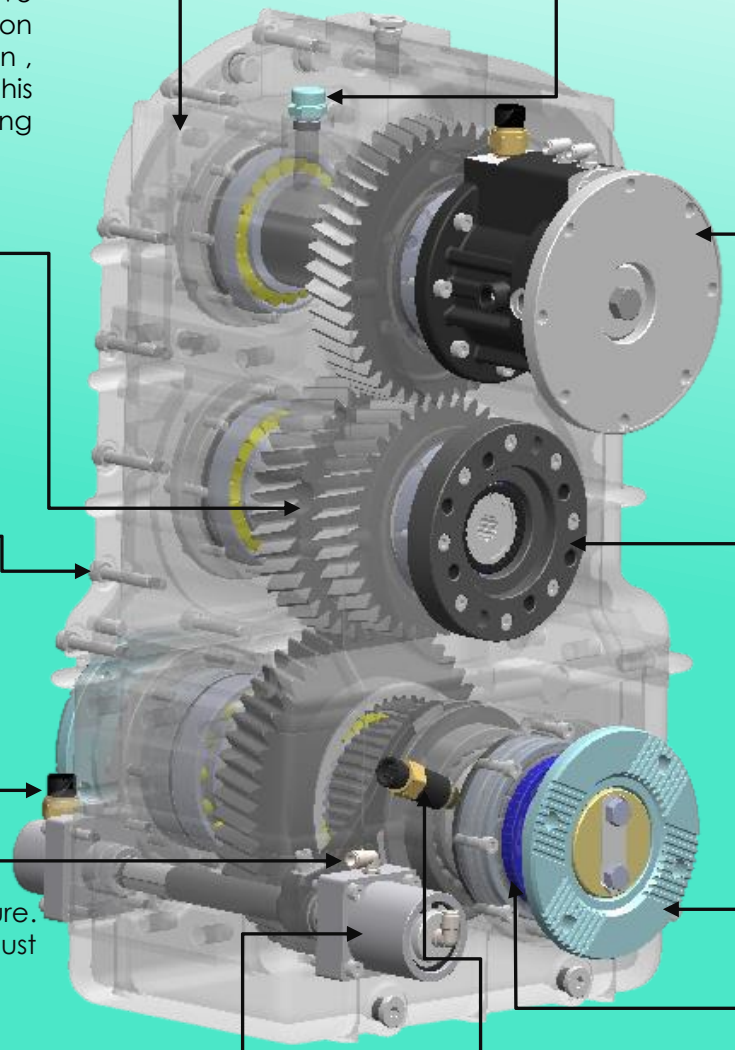
Sensor can operate at 9 - 32 Volt , 10 mA-3A, -30°C ...+ 150°C has M18x1,5 teeth connection, and 2 pin output ports

Pneumatic Fittings

It can be engaged/disengaged by 6-8 bar pneumatic pressure. The pressure must be continuous for both conditions. The air must go through drier-conditioner system.

Air Tube Components / DIN AlMg1Si0.8CuMn

It is a shapable, corrosion-resistant, high-strength material.
The alloy can go through heat treatment.
It has high corrosion resistance.



RPM Counter

Sensor can operate at 6 -15 Volt, Max. 16 mA, -30°C ...+ 145°C, and has M18x1,5 teeth connection, and 4 pin output ports

Air Plug

This is an aluminum air plug calibrated at +0,5 Bar with an in-built valve. It opens from time to time and lets the internal pressure accumulate due to fluid turbulence. Besides blocking foreign matter penetration, it also prevents oil leakage that may happen during transportation. It has an operation temperature of -20/+120°C.

Optional Outputs & Separative Kit

Options; SAE B, SAE C, SAE D, Universal Flange, ISO 4 Bolt, Separative Kit.
Optional outputs can be connected to both the differensial side and main transmission side .

Separative Kit: Separators Control system is pneumatic.
PTO outputs can be at the differential side or cabin side.
Separators allow controlling equipment easily and separately.

Optional Outputs

Options; SAE B, SAE C, Universal Flange, ISO 4 Bolt,
Optional outputs can be connected to both the differensial side and main transmission side .

Flange

ISO 7647 - ISO 7646 - ISO 8667

Sealing Components / ISO 6194

These are elastomeric sealing components. They are chosen double-lip type (oil/dust). They can stand -40/+140°C operating conditions according to the climate and temperature. They offer good resistance to climate conditions, aging, ozone, and oxygen thanks to high chemical stability.