

Additive Manufacturing Fluid Power

CETOP and Overcenter Valves

- Optimized flow paths for improved performances
- Extreme stability on full working range
- Corrosion resistance
- Available in Stainless Steel 316L



Hydraulic Manifold

- Size saving and fitting in the available space
- High mechanical properties
- Ability to combine multiple parts into one
- High pressure resistance till 1000 bar
- Absence of auxiliary plugs
- Lightweight



3D printing
BENEFITS



75%

Weight
reduction

Traditional production

Material: Aluminium Ergal
Weight: 5 Kg

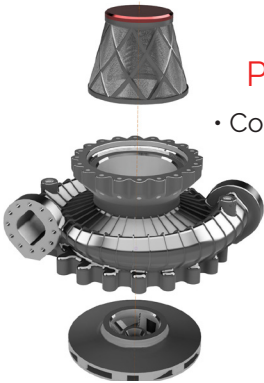
Metal 3D printing

Material: Aluminium AlSi10Mg
Weight: 1,3 Kg

Additive Manufacturing Energy and Aerospace

Impeller

- Fast spare parts
- High-Quality materials
- Self-supported internal channels

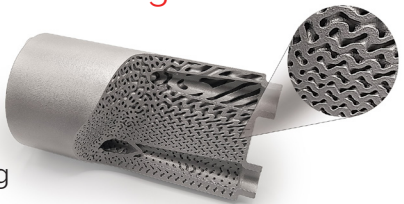


Pump System Components

- Complex geometries and lightweight
- Stainless Steel 316L, Nickel Alloy
- Performances optimization
- Faster delivery time

Heat Exchanger and Cooling Plate

- Design freedom
- Complex geometries
- Weight saving
- Production time saving
- High performances in small size



Environmental
Friendly



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