ROTOID MOTORS

Product

Innovative power unit

Technology readiness

Development

Proof of concept

▶ Prototype

First implementation

Extensive implementation

Rototide screw motor

The rotary screw engine combines the advantages of a conventional piston engine with a crank mechanism and the advantages of a turbine engine. It is characterised by its simple design, high reliability, long service life and low weight. It has no crank mechanism or intake and exhaust valves, thus minimising mechanical and pneumatic losses. There is no friction, only rolling. The engine can reach high speeds, which is reflected in the high specific power in relation to its weight.

Unique Selling Points:

- High efficiency and the possibility of using alternative fuels with low emission values.
- Simple design and associated low production costs, high reliability and durability.
- High specific power to weight ratio of the engine, leading to further savings.

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