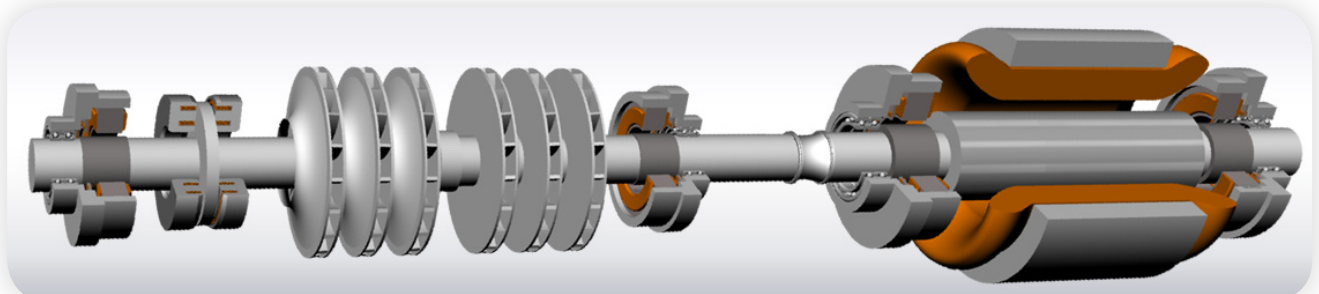


INTEGRATED MOTORIZED COMPRESSOR

This integrated motorized compressor is characterized by its unique shaft line and its sealless design. The assembly of the motor shaft with the compressor shaft is made through a flexible coupling.

The S2M solution : 4 radial bearings (2 for each shaft), and 1 thrust bearing (on the compressor side).



Radial bearing cartridge



GE Integrated Compressor Line with Convertteam high speed motor (application : gas storage facility)

by courtesy of GE Oil & Gas

Advantages :

- Oil free design
- Rotor dynamics control
- Immediate start (no pre-heating)
- Vibration free operation
- Built-in monitoring
- No seal

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