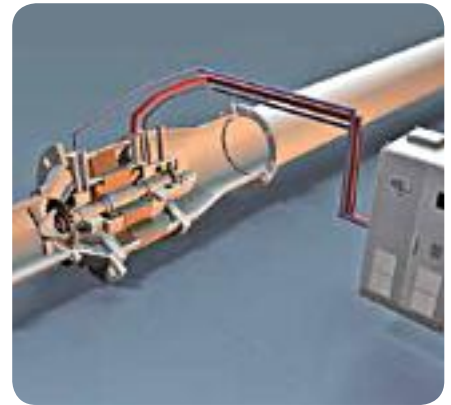


SKF S2M Magnetic Bearings for pressure let down expander generator

Energy prices are continuously rising, increasing the need for optimising energy usage. SKF S2M's high speed generator offers the possibility to recover the energy of a pressurised fluid expanded in a turbine. By recovering an un-used energy, the pressure let down generator contributes to the reduction of CO₂ emissions! S2M's magnetic bearing further contributes to increase the overall process efficiency.



SKF S2M's very compact electromechanical solution can be located in the pipeline itself

Advantage

- Applicable with multiple fluid/process (ex. natural gas, air, helium)
- Oil-free and contact less rotation
- High efficiency

Features

- Grid power: 300 kW
- Speed: 30 000 r/min



Gas Verbund Mittelland (GVM) natural gas pressure let down recovery station can deliver a total of 600 kW (2 stages).workshop

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