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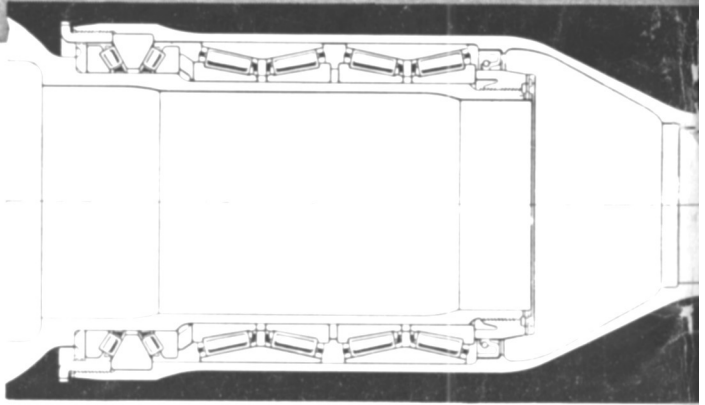
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On the
feathering
hinges of the
FAIREY
Rotodyne



On this, the world's first vertical take-off airliner, Timken tapered-roller bearings are used in important situations

The sectional drawing shows the arrangement of the Timken bearings, journal and thrust, in the rotor-blade feathering hinges. Timken bearings are also used on the rotor head (where they carry the entire weight during vertical take-off and a considerable share during forward flight), and in the pitch control mechanism

The blade roots of the Rotol propellers also have Timken bearings, so have the main and nose wheels

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