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RELIABILITY OF THE BRUSK PACKAGE ON ACS

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ABSTRACT

DC motors are widely used in industry due to their deep, smooth and economical speed control. However, the reliability of AC machines is lower than that of asynchronous machines due to the presence of a sliding contact collector-brush combination. Statistical analysis shows that in terms of reliability in AC machines, four "weak sets" should be distinguished: collector-brush set, bearing ring, armature ring, drive we will focus on the brush set, taking into account the above.

KEYWORDS: *Reliability, Brush, Brush Apparatus, Probability Of Continuous Operation, In AC Machines (Acs), Standard Deviation, Acs (Acs).*

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