



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

EMCOR RUST TEST APPARATUS-IP 220, ISO 11007, ASTM D6138, DIN 51802-FOUR TEST POSITIONS



Compliance Standards

IP 220, ISO 11007, ASTM D6138, DIN 51802

Purpose

The purpose of the test is to measure the ability of a grease to protect a bearing against corrosion even in the presence of water.

Test summary

Two sets of grease-coated bearings per station are partially immersed in water (distilled, salt or synthetic sea-water) and rotated at a speed of 80 rpm in a sequence of running and resting periods. At end of the test, the raceways of the bearing outer rings are inspected for rust.

Salient Features

- 4/6/8 test positions
- Digital AC/DC Drive for Speed Control
- Digital RPM Indicator

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



- Digital Timer
- Optional Safety cover
- Outer powder coated body with attractive shades
- Ease of Cleaning and Maintenance
- Performs both standing and dynamic test of lubricating greases and oils.

Details of the test rig

- Capable of performing 4/6/8 tests at a time
- Provided with Base plate.
- Electric motor with gear.
- Electronic Timer for predetermined time setting with on/off.
- Plummer blocks (bearing housing) made of 316 grade stainless steel.
- Steel shaft.
- Adapter sleeves, sleeve nuts and V ring.
- Supplied with test bearings – 4 Nos. (Indian SKF bearings with PVC cage) as per IP220.
- Supplied with required tools and fixtures.
- Operated on 230 volts, 50 hz, single phase, AC Supply

Note : New pair of test bearings - Either (Indian SKF bearings with PVC cage) or Imported 1306K/ 236725 Bearings are required for each test. Please take note of it.

Technical Specification

- Electric Motor : Of reputed make
- Motor RPM : **80 ± 5 RPM**
- Power Supply : 230 Volt ± 10 %, 1 phase, 50 Hz

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