



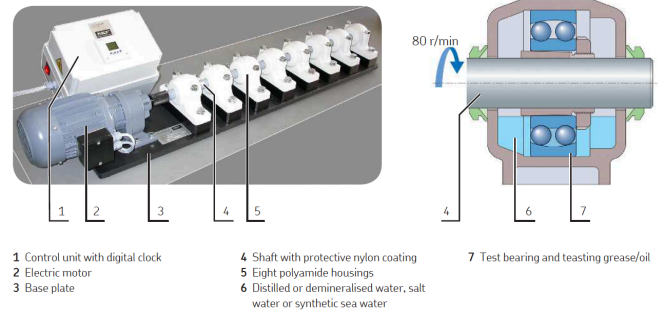
## Corrosion Prevention EMCOR Test

ASTM D6138 details the method for testing the Corrosion Preventive Properties of Lubricating Greases Under Dynamic Wet Conditions, using an SKF EMCOR test machine.

The test is conducted to assess the ability of grease to prevent corrosion in rolling bearings operated in the presence of distilled water, synthetic sea water or sodium chloride solution.

The procedure subjects a set of new, cleaned and lubricated bearings to partial immersion in water under no applied load at a speed of 83 rpm, in a predetermined sequence of starting and stopping for a period of approximately one week. The results are recorded according to the following table:

Machine description – standard test



Rating	Designation	Description
0	no corrosion	no corrosion
1	trace	no more than three spots of corrosion, none of which has a diameter larger than 1 mm
2	light	small areas of corrosion covering up to 1 % of the surface
3	moderate	areas of corrosion covering between 1 and 5 % of the surface
4	heavy	areas of corrosion covering between 5 and 10 % of the surface
5	severe	areas of corrosion covering more than 10 % of the surface