

Bearing Data Center

(<http://csegroups.case.edu>)

Seeded Fault Test Data



Welcome/Overview

Project History

Apparatus/Procedure

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data-file)

Bearing Information

Drive end bearing: 6205-2RS JEM SKF, deep groove ball bearing

Size: (inches)

Inside Diameter	Outside Diameter	Thickness	Ball Diameter	Pitch Diameter
0.9843	2.0472	0.5906	0.3126	1.537

Defect frequencies: (multiple of running speed in Hz)

Inner Ring	Outer Ring	Cage Train	Rolling Element
5.4152	3.5848	0.39828	4.7135

Fan end bearing: 6203-2RS JEM SKF, deep groove ball bearing

Size: (inches)

Inside Diameter	Outside Diameter	Thickness	Ball Diameter	Pitch Diameter
0.6693	1.5748	0.4724	0.2656	1.122

Defect frequencies: (multiple of running speed in Hz)

Inner Ring	Outer Ring	Cage Train	Rolling Element
4.9469	3.0530	0.3817	3.9874

