



The engineering challenge is therefore to improve heat rejection without creating an unacceptable structural penalty.

Brake release: 4.199 s

Event-specific kinetic-energy reductions were converted into heat-flux inputs rather than using one arbitrary constant load.

Structural pressure 251 kPa per friction face

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Dense Groove: maximum-temperature and MAX equivalent-stress contours

Dense Groove provided the best overall thermal–structural design-screening result.