

THE BRIEF REVIEW ON THE SINGLE CLUTCH PLATE

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DOI: 10.5958/2249-7137.2021.02673.2

ABSTRACT

The engine transmits the dynamism needed for vehicle motion to the wheels through the flywheel, clutch system, and driveline. The clutch is responsible for drawing and transmitting energy from the flywheel. The object of this paper is to study the concept and evaluate the single plate clutch this is done by using the CATIA V5 modelling programme that is commercially available. In order to satisfy the input parameters, a programme is coded in the C language and the resulting clutch specification is obtained accordingly. Here, as a case study, one of the issues that are frequently posed when constructing clutches was discussed, and those criteria were taken into consideration during the software feedback. The input data is also used to design the single plate clutch of the necessary material on CATIA-V5, and the required research has been done.

KEYWORDS: *Analysis language, CATIA V5, Software, Single Plate Clutch.*

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