

Applications

Torque Limiting Module Unit for Helicopter Rotor Test Rig

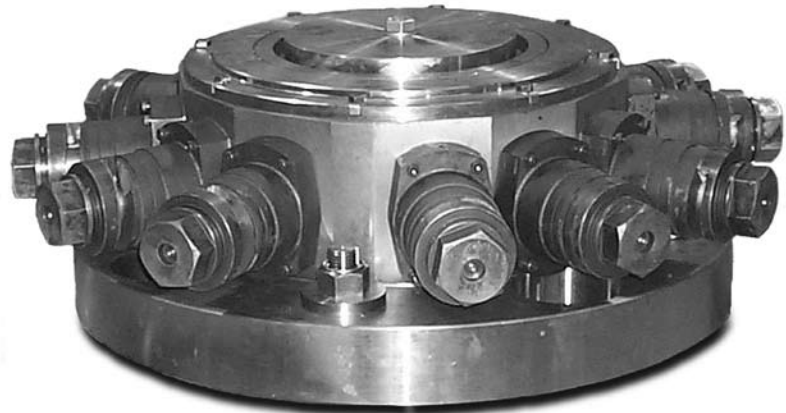
12 off JSE3 Cam Disconnect Modules on a 470.36mm PCD

Maximum Preset breakout torque = 281,950 lb ft

Minimum Preset breakout torque = 188,109 lb ft

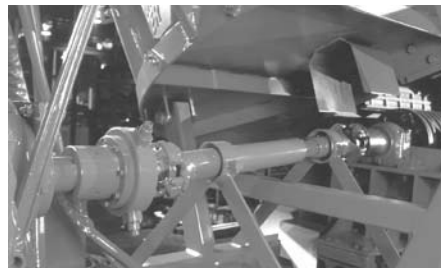
Maximum operating speed = 275rpm

Modules can be disconnected with the cam facility so that a lower number of modules are engaged. The breakout torque will be reduced proportionally.



Although the following arrangements show Brunel Torque Limiting Modules used for torque limiting applications, it is also possible to use them for linear motion thrust or pull limiting, such as on presses, feeders etc.

If preferred, the Torque Limiting Modules can be supplied as separate items for incorporation in the customer's own drive design. We would be pleased to consider your problem.



Torque Limiting Module Unit Fitted to Morbark Wood Grinding Machine

Provided to protect the Diesel Engine, u-joint and the rotary cutter head. Various sizes of unit supplied ranging from 46,900 to 195,000 lb in depending on release torque requirement.