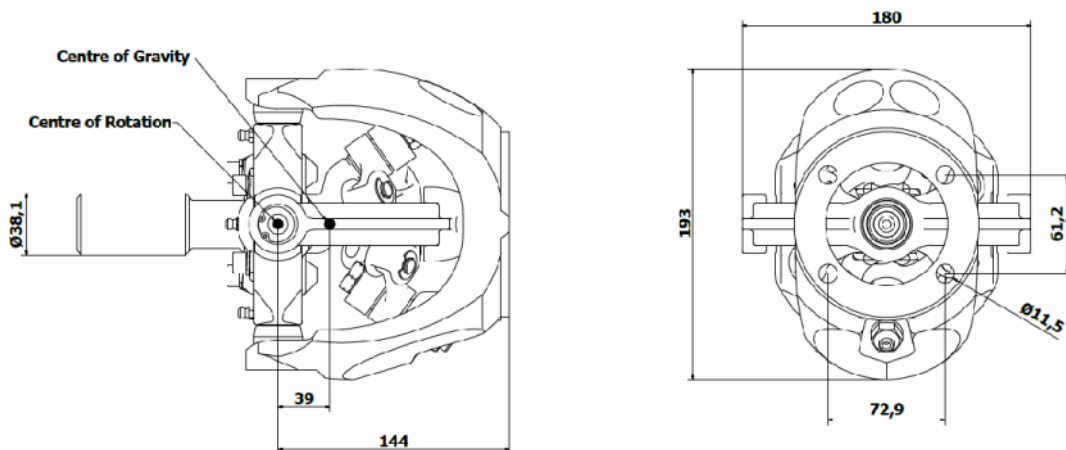


## Thompson Constant Velocity Joint (TCVJ®)

### 5B-15 Specification

Nominal design torque	500 Nm
Max. Torque	1200 Nm
Design speed max	3000 rpm
Full articulation angle	15 degrees
L <sub>10</sub> bearing life (1)	Contact us for your specific applications
Max service temperature	Up to 120 degs C
Coupling efficiency	> 99.95% <sup>(2)</sup>
Connection details	<ul style="list-style-type: none"> <li>• Male keyed shaft 38.1mm (1.5" dia)</li> <li>• Alternative male spline 1.5" 16 tooth SAE</li> <li>• Female flange SAE 1350 4 bolt pattern</li> </ul>
Overall dimensions	<ul style="list-style-type: none"> <li>• Max swing diameter - 193mm</li> <li>• Overall length - 169mm</li> <li>• Weight - 11,0 kgs</li> <li>• Rotational moment of inertia - 0,0358 kgm<sup>2</sup></li> </ul>



**Notes:**

- (1) Actual bearing life depends upon a combination of factors. These include equivalent speed, torque and articulated angle. Additionally, shock loads, lubrication frequency and environmental conditions may also affect life ratings.
- (2) Efficiency determined from independent testing authority based on a range of angles, speeds and torque loading scenarios.