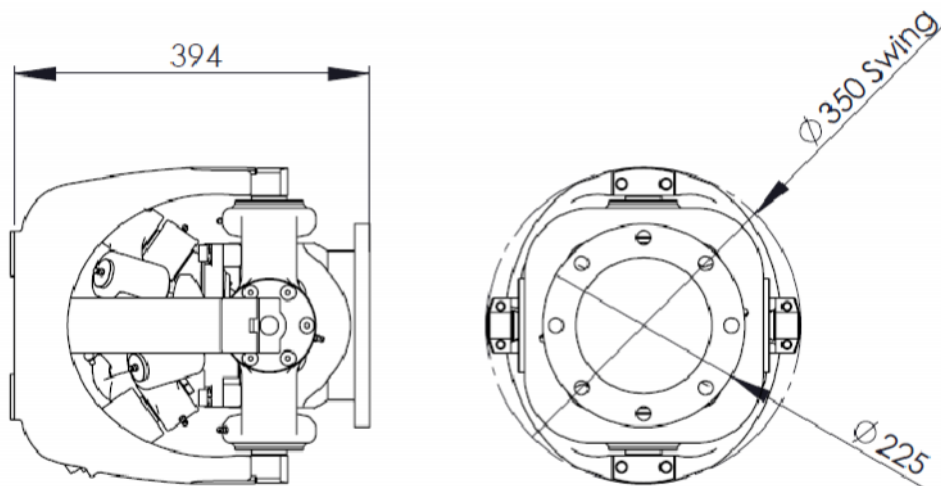


Thompson Constant Velocity Joint (TCVJ®)

8C-10 Specification

Nominal design torque	6,350 Nm ⁽¹⁾
Max. Torque	20,000 Nm
Design speed max	1,600 rpm
Full articulation angle	10 degrees
L ₁₀ bearing life (1)	Contact us for your specific applications
Max service temperature	Up to 120 degs C
Coupling efficiency	> 99.95% ⁽²⁾
Connection details	<ul style="list-style-type: none"> • Flange ISO 225mm dia 8 bolt on 195mm PCD male end • Flange 4 bolt "mechanics 9C" pattern female end
Overall dimensions	<ul style="list-style-type: none"> • Max swing diameter - 350 mm • Overall length - 394 mm • Weight – 80,67 kgs • Rotational moment of inertia – 0,945 kgm²



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.