

7.5 MW with Static Off-Axis Force Applicator

Features

Test Rig Drivetrain

Power (Electrical Closed Loop)	10 (Continuous) MVA
Number of Motors	1
Test Power	7,500 kW
Nominal Test Torque	6,000 kNm
Nominal Test Speed	12 rpm
Maximum Test Speed	20 rpm
Test Stand Incline <u>Adjustable</u> Angle	4-6 degrees

Load Application System

Axial Force (X)	±2,000 kN
Radial Force (Y-Z Plane)	±2,000 kN
Bending Moment (Y-Z Plane)	±10,000 kNm
Specimen Displacement (X)	±20 mm
Specimen Displacement (Y-Z Plane)	±20 mm
Specimen Angular Misalignment	0.8 degrees
Specimen Dynamic Displacement (X)	N/A mm
Specimen Dynamic Displacement (Y-Z Plane)	N/A mm
Displacement Frequency	N/A Hz

Test Specimen

Max Diameter	8 m
Max Length	15 m
Max Weight	150 tons