

KALYANI MOBILITY DRIVELINES



Gear ratios/ Duty cycle			
Speed	Ratio	Time Share %	Comments on Operating Parameters
1			
2			
3			
4			
5			
6			
7			
Reverse			

Limited slip differentials: Front axle % Rear axle % Propshaft %

Axle differential ratio: Wheel gear ratio: Converter (stall ratio):

T-case ratio: Brakes: Inboard Outboard

Front Half Shaft Bending angles				
Wheel Position (mm)	Description	Inner Angle	Outer Angle	Comments on Operating Parameters
	Jounce			
	Highway			
	Ride Height			
	Tip-Toe			
	Rebound			

Notes:



Rear Half Shaft Bending angles				
Wheel Position (mm)	Description	Inner Angle	Outer Angle	Comments on Operating Parameters
	Jounce			
	Highway			
	Ride Height			
	Tip-Toe			
	Rebound			

Notes:

Prop Shaft Bending angles - please provide detailed side and top view with all position identified in X, Y, Z plane				
Position	Compound Angle 1st Joint	Compound Angle 2nd Joint	Installed Length	Comments on Operating Parameters
Transmission to T-Case				
T-Case to Front Diff.				
T-Case to Rear Diff.				
Interaxle				

Notes:

Axial slip/ length compensation

During operation:

Required axial slip for assembly/ disassembly: mm

Environmental conditions

Max. temperature : °C

Max. continuous temperature: °C

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Min. temperature:

°C

Please describe how above temperatures occur (humidity conditions, radiation heat, exhaust etc.)

- Are there special environmental conditions? Please describe.

Other specifications

- Please specify the type of required connections of the joints to the adjacent components (flange, stub etc.)
- Available space, envelope curve, please encloses sketches showing the available space for installation.
- Please state on all special requirements important for manufacturing (Painting/ coating, Unbalance specs etc.)