

VEHICLE DRIVELINE APPLICATION DATA SHEET

Type of vehicle:	Manufacturer:		
Military use: yes□	no partial military uses □		
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Vehicle data			
Rear WD: Fron	t WD: 🗌	4x2	8x2□
All WD: 4x4 ☐ optional ☐	6x6 🗌	8x8	permanent
Other driveline layout:			
Engine capacity:	ccm		
Max. engine output:	kW	at	rpm
Max. torque:	Nm	at	rpm
Total (loaded) weight:	kg	Curb weight:	kg
Weight distribution: Front axlo	e(s): kg	Rear axle(s):	kg
Required life:	km		
Rolling radius of wheels:	mm	Size of tires:	
Max. vehicle speed:	km/h		
Height of center of gravity:	mm	Wheelbase:	mm
Four wheel drive application	ns		
Torque distribution: front	<u></u> %	rear%	
If 4WD not permanent:	axle	time share: %	
	axle	time share: %	



Gear ratio	os/ Duty cycle)	
Speed	Ratio	Time Share %	Comments on Operating Parameters
1			
I			
2			
3			
4			
5			
6			
7			
Reverse			
Limited sli	p differentials:	Front axle	% Rear axle % Propshaft
	%		
Axle differ	ential ratio:		Wheel gear ratio: Converter (stall ratio):
T-case rat	tio:		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 Sha	ft Bending angle	es		
Wheel Position (mm)	Description	Inner Angle	Outer Angle	Comments on Operating Parameters
	Jounce			
	Highway			
	Ride Height			
	Tip-Toe			
	Rebound			
Notes:				

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 com	pensation			
During operation:				
Required axial slip for a	ssembly/ disassem	ably: mm		
Environmental conditi	ons			
Max. temperature :		°C		
Max. continuous temper	rature.	°C		



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.)