Application form
&
Engineering services

For Original Equipment Manufacturers

For replacement pulleys, please contact
CVTech AAB

Contact Information

Company name :
Contact name :
Title :
Address :
City :
Country/Province or State :
Zip Code :
Phone # :
E-mail address :

It is not mandatory to fill out the blanks for which document(s) are provided.

Vehicle Information

Make :
Model :

Type	☐ On road	☐ Off road	☐ UTV	☐ Recreative
	☐ ATV	☐ Snowmobile	☐ Scooter	☐ City Car
	☐ Other			

Weight	Dry	kg	Gross (maximum) vehicle weight	kg
			Towing Capacity	kg

Engine Specifications *(please, provide technical documentation)*

Manufacturer :
Make : Model :

Type : ☐ Electric ☐ Gasoline / Petrol ☐ Diesel ☐ Other
☐ 2-stroke ☐ 4-stroke

Number of cylinder (s) : Displacement : cm³

Specifications :
Maximum Power : kW @ RPM Tolerance ± RPM
Maximum Torque : Nm @ RPM Tolerance ± RPM

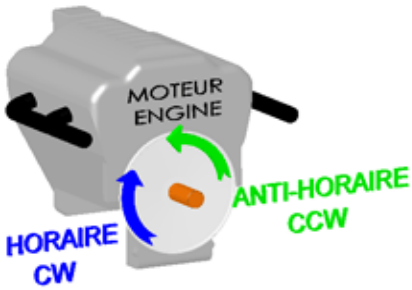
Engine RPM governor : ☐ No ☐ Yes Maximum : RPM

Type of governor : ☐ Gearbox Output speed (Ground speed) ☐ Electronic
☐ Mechanical ☐ Other

Idle speed : RPM Tolerance ± (indicate tolerances)

Engine shaft : ☐ Cylindrical
☐ Tapered Fixing bolt :
☐ Splined

Important: Please, provide engine shaft drawing



Engine rotation : ☐ Clockwise
☐ Counter clockwise

Speed Reducer / Differential *(please, provide technical documentation)*

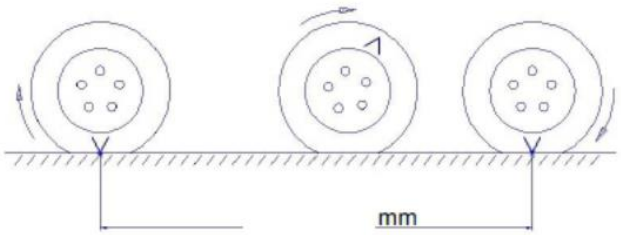
Manufacturer : Make :
Model :

Type : ☐ Gear box ☐ Chain ☐ Sprocket

Overall vehicle reduction ratio : *(Output RPM /Input RPM)*
Forward (hi speed)
(low speed)
Reverse

Gear box shaft : ☐ Cylindrical ☐ Tapered ☐ Splined
(provide drawings) Diameter mm Length mm
Fixing bolt

Driving Wheel dimensions (mm) : or Track vehicle information



Sprocket	(if applicable)		
	Number of teeth		

Track	(if applicable)		
	Pitch Distance		In
	Track Length		In
	Track width		In
	Lug height		In

Usage Environment

Climate : Minimum Temperature : °C Maximum Temperature : °C

Terrain : ☐ Sand ☐ Mud ☐ Gravel ☐ Hill
☐ Flat ☐ Asphalt ☐ Snow ☐ Salt
☐ The vehicle shall ride at high altitude
☐ Other

CVT Protection against projectiles :
☐ None ☐ Splash cover
☐ Sealed with ventilation ☐ Sealed without ventilation

Vehicle Dynamics

Ratio : (Output RPM / Input RPM)

Engagement type : ☐ On CVT ☐ External centrifugal clutch

Expected CVT Ratios : Minimum ratio : Maximum ratio :

Expected Engine RPM at Engagement : RPM Tolerance ±

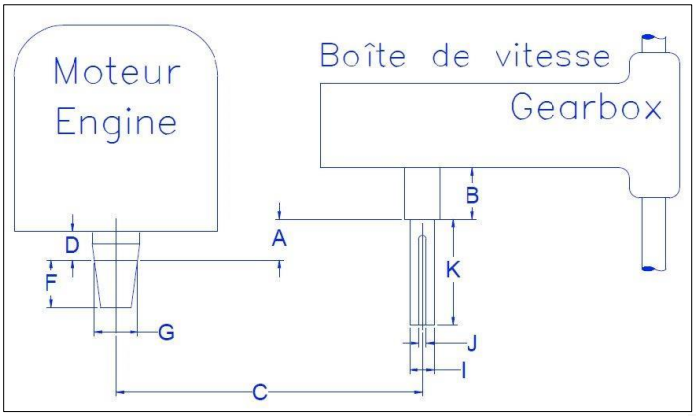
Expected Maximum Speed : On a Flat Surface : km/h Slope (%) km/h

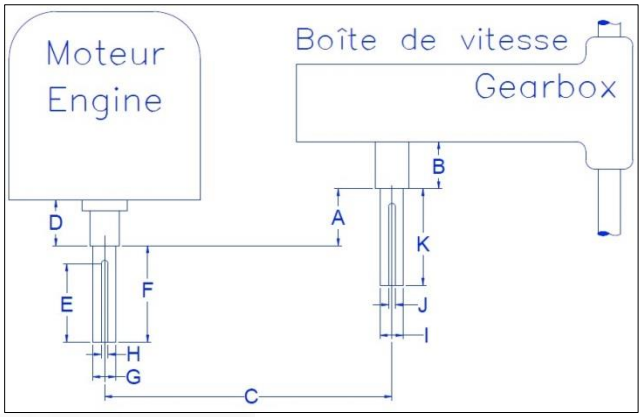
Should CVT limit maximum speed ☐ Yes ☐ No

Vehicle Geometry

Indicate all the desired dimensions in mm. For all the uncertain or variable dimensions, write «TBD » in the cell.

Allowable CVT dimension



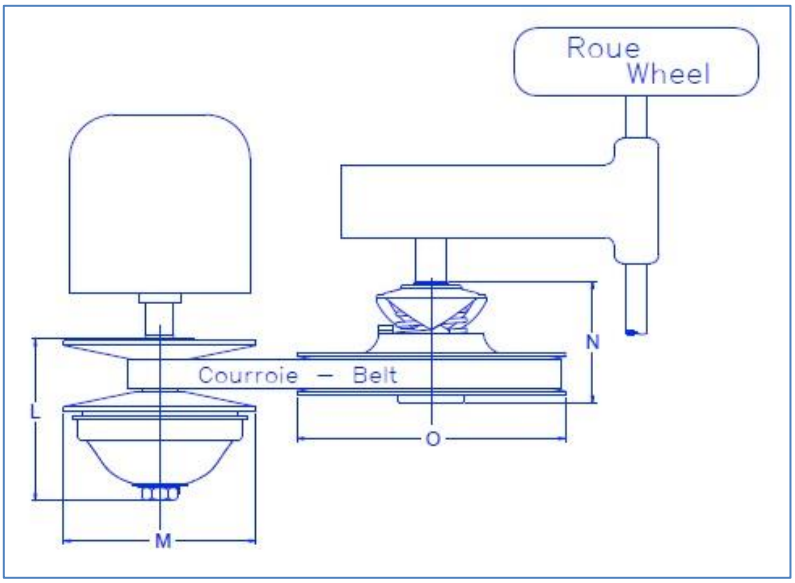


☐ Taper Driver Shaft ☐ Cylindrical Driver Shaft

Note : For driver and driven shaft, please provide drawings

A		(mm)	Ø G		(mm)
B		(mm)	H		(mm)
C		(mm)	Ø I		(mm)
D		(mm)	J		(mm)
E		(mm)	K		(mm)
F		(mm)			

Maximum allowable dimensions for CVT envelope

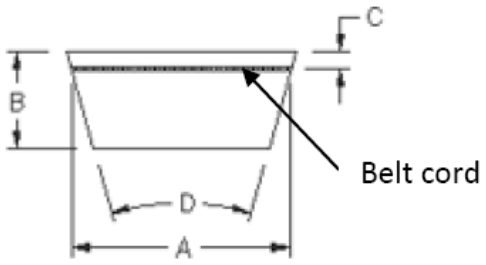


L		(mm)
M		(mm)
N		(mm)
O		(mm)

Belt

Belt supplier : ☐ Customer ☐ CVTech

If the belt is supplied by the customer, please provide belt drawing(s) and specifications.
You can provide the following information if you do not have a drawing



Pitch Width « A »		mm
Thickness « B »		mm
Pitch Height « C »		mm
Angle « D »		°
Pitch Length		mm

Endurance

Please provide endurance test cycle if available

Expected Lifetime : Pulleys km or hours
Belt km or hours

Order

Prototype request : ☐ No ☐ Yes quantity date (yyyy/mm/dd)
Pre-production date : (yyyy/mm/dd)
Start of Production : date (yyyy/mm/dd)
Expected Annual :
Usage : 1st Year : 2nd Year : 3rd Year :
Target Price : Fund ☐ $ CND ☐ $ USD ☐ € EUR
Other :

Other Requirements

CVTech R&D will propose solutions if there are no indications.