



Traction motor data		
Type	AC Asynchronous	
Power (S2 - 60 min)	W	1400
Motor voltage (~3)	V	27
Battery voltage	V	48
Speed	Rpm	2000
Frequency	Hz	67
Current	A	50
Torque	Nm	6.7
Enclosure	IP	44
AC motor type	AM135 - 75 - 4	

Traction gear data		
Gear ratio	i	1:34.57
Max accel. and braking torque	Nm	280
Nominal wheel torque	Nm	162
Max load on vulkollan wheel	Kg	1000
Brake torque	Nm	8
Lubrication	Grease	

Steering gearmotor data		
Type	AC Asynchronous	
Power (S2 - 60 min)	W	400
Motor voltage (~3)	V	27
Battery voltage	V	48
Motor Speed	Rpm	2850
Frequency	Hz	100
Current	A	14
Motor torque	Nm	1.3
Gear ratio	i	1:45.56
Gear output torque	Nm	43.5
Enclosure	IP	44
Lubrication	Grease	
AC motor type	AG090 - 70 - 4	

<b>Total Weight</b>	Kg	62
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Date :	10/04/2020	Scala :	1 : 4	<b>A3</b>
Dis :	L.L.	Scale :		
Drawn :				