



Traction motor data			
1	Type : Motor DC Serie Wound		
2	Power (S2 - 60 min)	W	1400
3	Motor voltage	V	24
4			
5	Speed	Rpm	2800
6			
7	Current (1400 W)	A	78
8	Torque (1400 W)	Nm	4.8
9			
10			
11	Enclosure	IP	23
12	Brake torque	Nm	8
Gear data			
13	Max input motor power	W	1400
14	Gear ratio	i	1:34.57
15	Max accel. and braking torque	Nm	280
16			
17	Wheel torque	Nm	124
18			
19			
20			
21	Lubrication		Grease
22	Max load on vulkollan wheel	Kg	1000
23	Max load on poliurethan wheel	Kg	900
24	Max load on solid rubber wheel	Kg	600
Steering motor data			
25	Type : Motor DC		
26	Power (S2 - 60 min)	W	
27	Motor voltage	V	
28			
29	Speed	Rpm	
30			
31	Current (W)	A	
32	Motor torque (W)	Nm	
33	Enclosure	IP	
34			
35	Steering gear ratio	i	
36	Efficiency of steering gear	η	

Available on request	
A	Motors: Permanent Magnet, Series Wound, Sepex, AC
B	Voltages: 12V, 24V, 36V, 48V, 72V, 80V
C	Gear Ratio: 1:28.3, 1:34.57
D	Encoders application
E	

Data :	29/04/2009	Scala :	1:3.5	A3
Date :		Scale :		
Dis :	C.M.			
Drawn :				