



Traction motor data		
1	Type : Motor DC Permanent Magnet	
2	Power (S2 - 60 min)	W 1200
3	Motor voltage	V 24
4		
5	Speed	Rpm 2500
6		
7	Current (1200 W)	A 63
8	Torque (1200 W)	Nm 4.6
9		
10		
11	Enclosure	IP 23
12	Brake torque	Nm 16
Gear data		
13	Max input motor power	W 2600
14	Gear ratio	i 1:22
15	Max accel. and braking torque	Nm 490
16		
17	Wheel torque	Nm 87
18		
19		
20		
21	Lubrication	Oil
22	Max load on vulkollan wheel	Kg 1300
23	Max load on poliurethan wheel	Kg 1200
24	Max load on solid rubber wheel	Kg 900
Steering motor data		
25	Type : Motor DC Permanent Magnet	
26	Power (S2 - 60 min)	W 400
27	Motor voltage	V 24
28		
29	Speed	Rpm 2800
30		
31	Current (400 W)	A 21
32	Motor torque (400 W)	Nm 1.4
33	Enclosure	IP 23
34		
35	Steering gear ratio	i 1:46
36	Efficiency of steering gear	η 0.81

Available on request	
A	Motors: Permanent Magnet, Series Wound, Sepex, AC
B	Voltages: 12V, 24V, 36V, 48V, 72V, 80V
C	Gear Ratio: 1:13, 1:16, 1:22
D	Encoders application
E	Forced ventilation

Data : 17/10/2007	Scala : 1:6	A3
Date : 17/10/2007	Scale : 1:6	
Dis : C.M.		
Drawn : C.M.		