



Z216.720-6===

Technical drawing



Technical data

1. Characteristics

Réf.no.	Description	U.M.	Valeur
1.01	Model number		Z216.720-6===
1.02	Model name		R6
1.03	Manufacturer		Zallys
1.04	Operator		Pedestrian
1.05	Power unit		Electric
1.07	CE certification		
1.08	Plant tension	V	24
1.09	Nominal power	kW	2,00

1. Frame characteristics

Réf.no.	Description	U.M.	Valeur
1.80	Frame made of		Steel
1.82	Anti-Corrosion Treatment (on customer demand only)		Cataphoresis
1.83	Frame treatment		Polyester powder coating

2. Safety data

Réf.no.	Description	U.M.	Valeur
2.01	Dead man safety system		Sensor on tiller head
2.02	Emergency reverse button		On tiller head
2.04	Creep speed device		Button on tillerhead
2.06	Power supply disconnection device / Emergency stop		Detachable power connector
2.10	Acoustic signaling		Beeper
2.11	Drive controls		Maintained action switch
2.20	Handarm vibration	m/s ²	<2,5
2.22	Noise level at operator's ears	dB	<70

3. Performances

Réf.no.	Description	U.M.	Valeur
3.01	Max. forward speed	km/h	5,0
3.04	Max. backward speed	km/h	5,0

Réf.no.	Description	U.M.	Valeur
3.11	Max.load capacity on flat ground	kg	800
3.17	Max. towing capacity on wheels **	kg	6.000
3.28	Max.slope with load *	%	15
3.36	Max towing force at hook **	N	4400
3.39	Stopping distance in deceleration (without load)	m	1,1
3.42	* Load capacity is subject to kind of slope , kind of floor and operating time		
3.44	** While the force expressed in N at the hook remains unchanged, the following circumstances may affect the towing capacity expressed in KG : type of ground on which the towing is performed, the use (or not) of ballasts and type of wheels mounted on the vehicle and on the trailer		

4. Drive controls

Réf.no.	Description	U.M.	Valeur
4.01	Type of control		Tillerhead
4.02	Type of start control		Butterfly lever
4.04	Speed control		5 speed button assembled on the tiller head

5. Standard battery specifications

Réf.no.	Description	U.M.	Valeur
5.01	Batteries		4
5.02	Batteries type		Traction AGM batteries
5.03	Battery voltage	V	6
5.04	Nominal Capacity 5 h	Ah	200
5.05	Nominal Capacity 20 h	Ah	240
5.06	Weight of each battery	kg	32
5.08	Weight of 200/240A battery pack	kg	128

6. Available chargers

Réf.no.	Description	U.M.	Valeur
6.40	Standard voltage	V	220/240
6.41	Multitension	V	110/240
6.42	Plug		In use in the country of destination

6. Technical data of standard charger

Réf.no.	Description	U.M.	Valeur
6.01	Battery charger		External - high frequency
6.02	Input voltage	V	230
6.03	Input Frequency	Hz	50-60
6.04	battery charger voltage type		Monophase
6.05	Battery charger capacity	Ah	20
6.06	Power consumption during complete charge cycle	kWh	5
6.07	Operating temperature	°C	-20 / +40
6.08	Operation display		Led
6.09	Input fuse	A	16
6.10	Cooling system		Ventilation cooling
6.11	IP degrees of protection		IP20
6.12.1	Width	mm	145
6.12.2	Length	mm	290
6.12.3	Height	mm	85

7. Drive motor

Réf.no.	Description	U.M.	Valeur
7.01	Engine		2
7.02	Motor code no.		M512.714
7.03	Engine		Electric
7.04	Electricity		Direct current
7.05	Engine voltage	V	24
7.06	Rating (S2 - 5')	kW	1
7.15	Maximum peak power	kW	2,20

8. Generic technical data

Réf.no.	Description	U.M.	Valeur
8.01	Transmission system		Mechanical
8.02	Transmission lubrication		In oil bath
8.03	Gear reduction		1:32
8.04	Kind of oil		80W-90
8.05	Traction		4 X 4
8.06	Service brake		Electronic
8.08	Parking brake		Electro-Mechanical
8.23	Structure		In steel
8.24	Surface treatment		Polyester powder coating

9. Weight

Réf.no.	Description	U.M.	Valeur
9.01	Weight without batteries	kg	190
9.11	Weight incl. 200/240A AGM batteries	kg	318

10. Dimensions

Réf.no.	Description	U.M.	Valeur
10.01	Length	mm	1.864
10.02	Width	mm	786
10.03	Height of start control	mm	1.242
10.08	Loading platform height	mm	510
10.14	Wheelbase	mm	1.095
10.15	Turning circle	mm	4.200
10.50	**For further details please click on technical draws		

11. Standard wheels

Réf.no.	Description	U.M.	Valeur
11.01	Drive wheels		4
11.05	Tyres		Pneumatic
11.06	Type of tyres		Turf tyres
11.13	Drive tyres size		16-6.50-8"
11.25	Inflation pressure	bar	1.2 / 1.6