



Z111.732-15===

Technical drawing



Zollys	TABLE: Z111.732	S1	Unit: mm [inch]
---------------	---------------------------	----	-----------------

Technical data

1. Characteristics

Réf.no.	Description	U.M.	Valeur
1.01	Model number		Z111.732-15===
1.02	Model name		S1
1.03	Manufacturer		Zallys
1.04	Operator		Driver seated
1.05	Power unit		Electric
1.07	CE certification		
1.08	Plant tension	V	24
1.09	Nominal power	kW	1,00

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		Seat presence sensor
2.06	Power supply disconnection device / Emergency stop		Detachable power connector
2.07	Lighting device		LED lights kit
2.09	Audible reverse beeper		beeper
2.10	Acoustic signaling		Electric horn
2.11	Drive controls		Maintained action switch
2.20	Handarm vibration	m/s ²	<2,5
2.21	Vibration transmitted to the body	m/s ²	1,16
2.22	Noise level at operator's ears	dB	<70

3. Performances

Réf.no.	Description	U.M.	Valeur
3.02	Max. forward speed (standard version)	km/h	10,0

Réf.no.	Description	U.M.	Valeur
3.03	Max. forward speed (with upgrade)	km/h	12,0
3.05	Max. backward speed (standard version)	km/h	8,0
3.06	Max. backward speed (with upgrade)	km/h	10,0
3.11	Max.load capacity on flat ground	kg	500
3.18	Max. towing capacity on wheels (standard version) **	kg	500
3.19	Max. towing capacity on wheels (with upgrade) **	kg	1.500
3.28	Max.slope with load *	%	15
3.31	N ° Operators		1
3.37	Max towing force at hook (standard version) **	N	500
3.38	Max towing force at hook (with upgrade) **	N	1500
3.39	Stopping distance in deceleration (without load)	m	6
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		Handle Bars
4.02	Type of start control		handlebar gas-grip

5. Standard battery specifications

Réf.no.	Description	U.M.	Valeur
5.01	Batteries		2
5.02	Batteries type		Traction AGM batteries
5.03	Battery voltage	V	12
5.04	Nominal Capacity 5 h	Ah	105
5.05	Nominal Capacity 20 h	Ah	130
5.06	Weight of each battery	kg	33

5. Optional battery specifications

Réf.no.	Description	U.M.	Valeur
5.11	Batteries pcs		4
5.12	Batteries type		Traction AGM batteries
5.13	Battery voltage	V	6
5.14	Nominal Capacity 5/h	Ah	200
5.15	Nominal Capacity 20/h	Ah	240
5.16	Weight of each battery	kg	32

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
6.02.1	Input voltage max	V	230
6.03	Input Frequency	Hz	50-60
6.05	Battery charger capacity	Ah	10
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	120
6.12.2	Length	mm	233
6.12.3	Height	mm	64

6. Optional charger specifications

Réf.no.	Description	U.M.	Valeur
6.14	Charger suitable for AGM batteries of	A	200/240
6.15	Battery Charger Capacity	Ah	20
6.18	Power consumption during complete charge cycle	kWh	5
6.19	**for all other details please refer to standard charger specifications		

7. Drive motor

Réf.no.	Description	U.M.	Valeur
7.02	Motor code no.		M517.701
7.03	Engine		Electric
7.04	Electricity		Direct current
7.05	Engine voltage	V	24
7.06	Rating (S2 - 5')	kW	1

Réf.no.	Description	U.M.	Valeur
7.15	Maximum peak power	kW	2,20

8. Technical data

Réf.no.	Description	U.M.	Valeur
8.01	Transmission system		Mechanical
8.02	Transmission lubrication		In oil bath
8.03	Gear reduction		1:25
8.04	Kind of oil		80W-90
8.05	Traction		Rear-wheel drive
8.06	Service brake		Electronic
8.07	Service and emergency brake		Mechanical
8.08	Parking brake		Electro-Mechanical
8.12	Type of seat		Ergonomic seat

9. Weight

Réf.no.	Description	U.M.	Valeur
9.01	Weight without batteries	kg	167
9.08	Weight incl. 72/96A lead acid batteries	kg	217
9.09	Weight incl. 50/70A AGM batteries	kg	211
9.10	Weight incl. 180/240A lead acid batteries	kg	305
9.11	Weight incl. 200/240A AGM batteries	kg	319

10. Dimensions

Réf.no.	Description	U.M.	Valeur
10.01	Length	mm	1.611
10.02	Width	mm	814
10.03	Height of start control	mm	966
10.06	Height of seat / saddle	mm	602
10.08	Loading platform height	mm	510
10.14	Wheelbase	mm	1.026
10.15	Turning circle	mm	3.600
10.50	**For further details please click on technical draws		

11. Standard wheels

Réf.no.	Description	U.M.	Valeur
11.01	Drive wheels		2
11.02	Steering wheels		2

Réf.no.	Description	U.M.	Valeur
11.05	Tyres		Pneumatic
11.06	Type of tyres		Grooved tyres
11.13	Drive tyres size		16-6.50-8"
11.14	Steering wheels size		13-5.00-6"
11.25	Inflation pressure	bar	1.2 / 1.6

11. Optional wheels

Réf.no.	Description	U.M.	Valeur
11.42	Tyres		Super-elastic non-marking wheel
11.43	Kind of tyres		Turf tyres
11.44	Drive tyres size		4.00-8"
11.45	Steering wheels size		4.00-4"