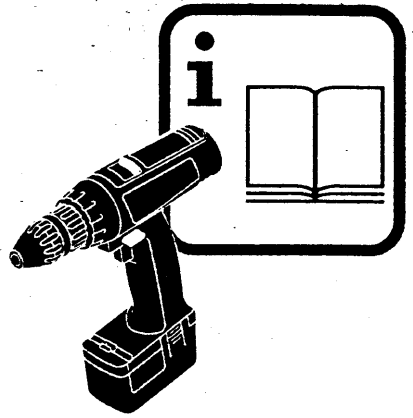


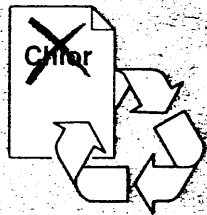
500-641
500-653

2

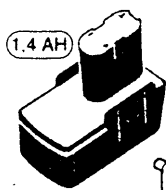
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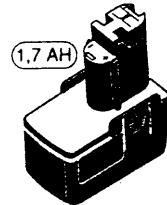
GSR 7,2 VES-2
GSR 9,6 VES-2
GSR 12 VES-2



BOSCH




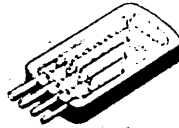
2 607 335 033 (7,2 V)
 2 607 335 037 (9,6 V)
 2 607 335 055 (12 V)







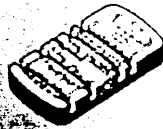
2 607 335 072 (9,6 V)
 2 607 335 071 (12 V)


2 601 250 006 (7,2 V)
 2 601 250 007 (9,6 V)

2 607 000 345
 \varnothing 3,4,5,6 mm



2 607 000 334
 PH Nr. 1,2,3
 5-6,8-10 mm
 4,5,6 mm
 C



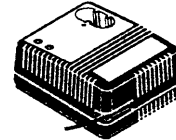
2 607 000 348
 \varnothing 4,5,6,8 mm



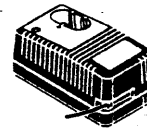
2 608 572 021 (7,2/9,6 V)



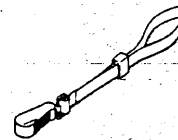
2 608 572 062 (12 V)



2 607 224 150 AL 12 FC
 12 min (230 V)



2 607 224 152 AL 60
 1h (230 V)



2 601 398 013



2 605 439 014

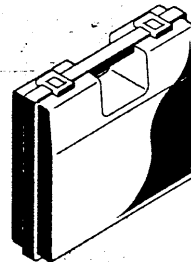


2 605 439 013



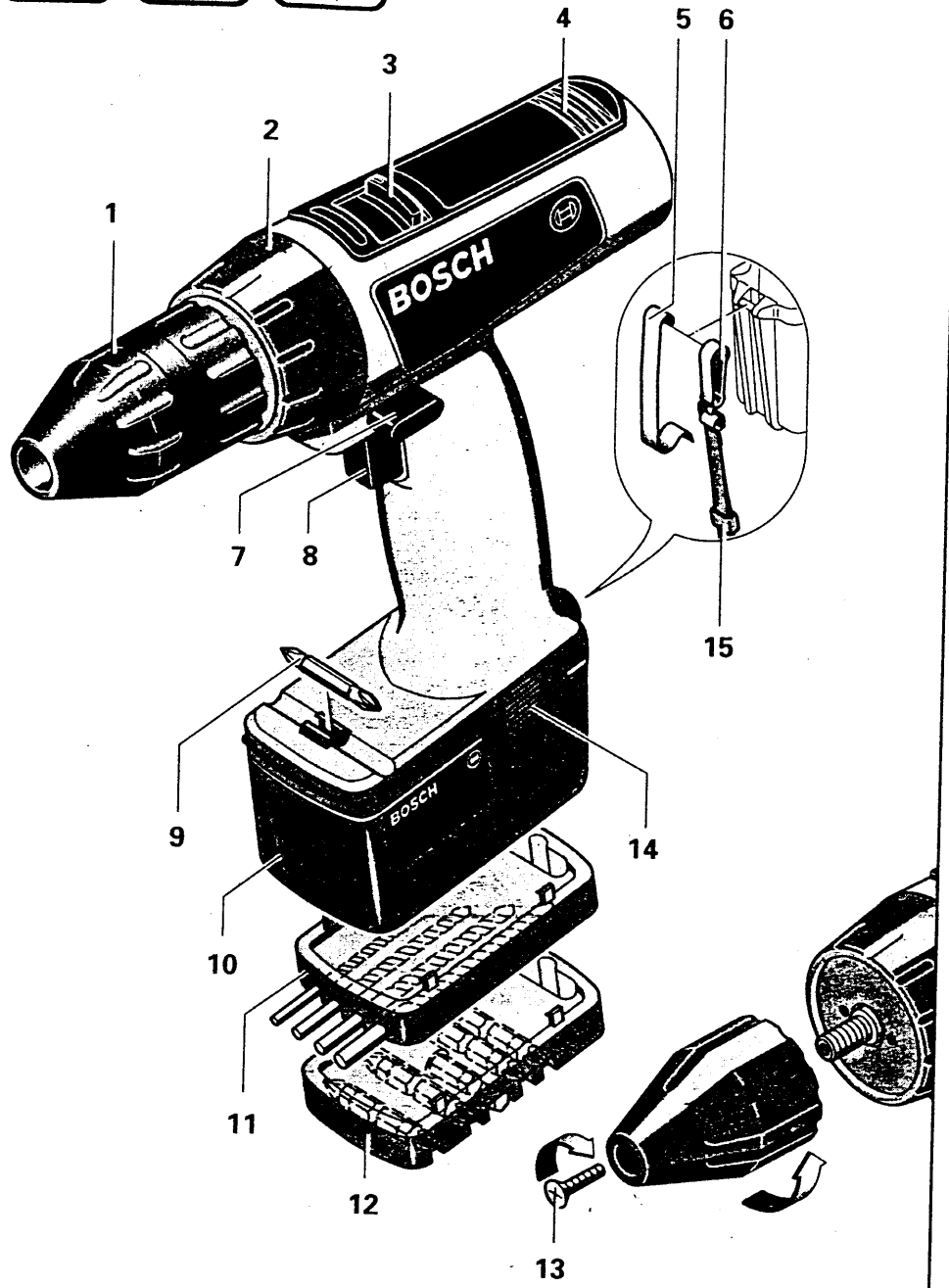
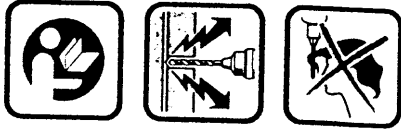
2 605 439 012

2 605 439 015



2 605 438 320

D	4...7
GB	8...11
F	12...15
E	16...19
P	20...23
I	24...27
NL	28...31
DK	32...35
S	36...39
N	40...43
FIN	44...47
GR	48...51
TR	52...55





Tool Specifications

Battery-operated screwdriver

Type	GSR 7,2 VES-2 0 601 936 723	GSR 9,6 VES-2 0 601 936 627	GSR 12 VES-2 0 601 936 520
Part Number			
Rated speed (no load)	0 - 300 min ⁻¹ 0 - 900 min ⁻¹	0 - 350 min ⁻¹ 0 - 1000 min ⁻¹	0 - 400 min ⁻¹ 0 - 1200 min ⁻¹
Speed II	7.2 V =	9.6 V =	12 V =
Motor Voltage	0.2 - 5.5 Nm	0.3 - 6.5 Nm	0.5 - 7.5 Nm
Torque adjustment range	10 mm	10 mm	13 mm
Bore dia., steel	12 mm	12 mm	12 mm
Bore dia., aluminium	15 mm	15 mm	15 mm
Bore dia., wood	6 mm	6 mm	8 mm
Max. screw dia.	1.5 - 10 mm	1.5 - 10 mm	2 - 13 mm
Drill chuck range	3/8"	3/8"	3/8"
Drill spindle thread	1.5 kg	1.7 kg	1.8 kg
Weight with battery			
Battery			
Type	NiCd	NiCd	NiCd
Part number	2 607 335 033	2 607 335 037	2 607 335 055
Temperature monitor	NTC	NTC	NTC
Rated Voltage	7.2 V	9.6 V	12 V
Capacity	1.4 Ah	1.4 Ah	1.4 Ah
Weight	0.4 kg	0.5 kg	0.57 kg

Operating controls

- 1 Keyless chuck
- 2 Torque setting ring
- 3 Speed selector
- 4 Ventilations slots
- 5 Battery retaining spring*
- 6 Carrying loop*
- 7 Direction of rotation switch with lock off
- 8 ON/OFF Switch / speed control
- 9 Screwdriver blade
- 10 Battery
- 11 Bit magazine*
- 12 Magazine for screwdriver bits*
- 13 Securing screw
- 14 Contact surface
- 15 Adjusting slide*

* Accessory

Illustrated or described accessories are not always included in standard delivery.

Notes on Safety and Accident Prevention



Safe operation of this machine is possible only when the operating instructions and the safety precautions are read completely and the instructions contained therein are strictly observed.



Before drilling in ceilings and walls always examine the drilling position for concealed electric lines, gas and water pipes, e.g. with a metal detector.



Keep long hair away from drill. Do not operate while wearing loose clothing.

Always inspect machine and battery before use. Always have damage repaired by a qualified professional.

Caution: The machine can begin to operate immediately when the ON/OFF switch 8 is activated. When replacing drill bit or battery, as well as for transport and storage, always set the rotation direction switch 7 to the centre position (lock-off).

Use a clamping device to secure the work-piece before drilling.

Always provide for secure footing when working.

Use caution when inserting long screws: Danger of slippage.

When turning screws, use 1st speed and low rpm.

Always remove battery before working on machine.

See enclosed sheet 1 609 929 150 for further safety notes.

Equipment protection



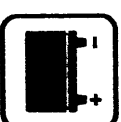
Incorrect operation can lead to damage. Therefore always observe the following regulations.

Before use, ensure that the battery is properly secured in the drill.

Do not place such loads on the drill that it ceases to turn.

Change rotational direction only when drill is not moving.

Use only genuine accessories.



Battery should be protected against impact. Do not open battery. Store battery in a dry place where it is protected against freezing.

The rated voltage of the battery must correspond with the specifications on the machine.

Battery and charger are specifically designed for use in conjunction with one another. Charging should be performed exclusively with a Bosch rapid charger.

Do not expose battery to heat or flames: Danger of explosion!

Do not place the battery on a heater or expose to direct sunlight for long periods. Temperatures in excess of 50 °C will damage the battery. Allow warm battery to cool before charging.

When the battery is outside the drill, cover the contacts to avoid short circuits (e.g., from tools).

Avoid repeated consecutive rapid charges of the battery. Do not recharge after using only briefly (e.g., 3 minutes).

Never discharge the battery completely and recharge occasionally if not used for a prolonged period.

Before use

Battery

If the machine is new, the battery must first be charged. Battery 10 is housed in the handle. Release the battery 10 by pressing on the sides of corrugated surface 14 and pull downwards. Do not use force.

Please refer to the enclosed "Battery charging instructions" for operation of battery charger and for details of charging process.

Battery 10 is equipped with an NTC temperature monitor which allows charging only within a range between 0 °C and 45 °C. This ensures long battery life. When used properly the battery can be recharged up to 1000 times.

A new battery or one which has not been used for an extended period achieves full performance only after approx. 5 charging & discharging cycles.

A substantial drop in operating period charge indicates that the battery is worn and must be replaced.

Observe notes on environmental protection.

Initial operation

Inserting the battery

Set direction of rotation switch 7 to the centre (lock off). Slide charged battery 10 into handle until the battery locks into position.

Battery retaining spring (GSR 7,2/9,6 VES-2)

The older type of Bosch batteries can also be used with battery retaining spring 5, available as an accessory (observe battery voltage & polarity). Clip the battery holding spring onto the holding pin and clamp the battery.

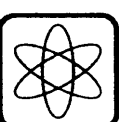
Switching on and off

Set rotation direction switch 7 to desired position.

To switch on: Press ON/OFF switch 8.

To switch off: Release ON/OFF switch 8.

Stepless rotation speed adjustment



The speed of rotation is adjusted between 0 and maximum by varying the pressure on ON/OFF switch 8.

Light pressure results in a low rotational speed, thus allowing smooth, controlled drilling.

Switching direction of rotation

Set rotation direction switch 7 either to **R** (clockwise) or to opposite side (anti-clockwise). (When the ON/OFF switch 8 is activated, rotation direction switch 7 is locked).

Reverse rotation is suitable for, e.g., loosening screws and nuts.



■ Change direction of rotation only when machine is not in operation.


Operating instructions

Run-on brake

When ON/OFF switch 8 is released, drill chuck is braked, thus preventing the tool from continuing to rotate.

When inserting screws, wait until the screw is flush with the material, then release ON/OFF switch 8. This prevents the head of the screw from penetrating into the material.

Installing screwdriver blade/drill bit

Set torque setting ring 2 to the drill bit symbol .

Insert tool in keyless chuck 1. The tool need not be held as it is centered by the dust cover. Tighten keyless chuck 1 by hand.

Screwing

Clamp screwdriver blade 9 directly in the drill chuck or use an additional universal bit holder for screwdriver bits (accessory magazine 12).

Setting the torque


15 different settings can be selected with torque control ring 2:

1 Low setting e.g. small screws, soft materials;


15 High setting e.g. large screws, hard materials;

When the setting is correct, the overload clutch opens as soon as the screw has been inserted flush into the material or as soon as the set torque has been reached. When removing screws, select a higher setting or set to drill symbol. The proper settings are best determined in practical trials.

Drilling

 Set torque setting ring 2 to the drill bit symbol


Automatic spindle lock

The automatic spindle lock (setting ring 2 in position ) enables bits to be changed quickly and easily in the keyless chuck.

The drill spindle is locked when the ON/OFF switch is not pressed or when it is released, so that projecting screws can be screwed in flush by manually rotating the machine.

Note: Excessive tightening by hand may damage the screw.

Changing the chuck

To change the chuck, put setting ring 2 in position .

The chuck is secured to the drill spindle with securing screw 13. Open the chuck all the way and remove securing screw completely.

⚠ Securing screw has left-hand thread.

If keyless chuck becomes stuck, clamp short end of Allen key into keyless chuck 1. Loosen chuck from drill spindle by hitting the long shaft of the chuck key gently. Mount in reverse order. Screw on keyless chuck 1 hand-tight and screw in securing screw 13.

Carrying loop (accessoires)

The machine can be suspended comfortably from the wrist by attached carrying loop 6 which also protects the machine from being accidentally dropped. Secure carrying loop to the holding pin with spring hook.

The carrying loop can be adjusted to the size of the wrist with adjusting slide 15.

Magazine for drills/screwdriver bits (accessoires)

The most commonly used drill bits 11 and screwdriver bits 12 are kept securely in the tool magazine where they are easily accessible.

To remove a drill, give the bit-magazine a slight jerk and pull down.

Remove the drill and press the bit-magazine onto the underside of the drill magazine, applying light pressure until it locks into position.

Note: For technical reasons it is not possible to fit toolholders of the same type (drills/bits) directly on top of each other, when using several toolholders.

Practical advice

Always use screwdriver blades which fit properly in screw.

It is advisable to first drill a pilot hole before attempting to insert large, long screws in hard material.

Use only correctly sharpened HSS bits for drilling in metal. The appropriate quality is guaranteed by the Bosch Accessories Programme.

Guarantee

We guarantee BOSCH appliances in accordance with statutory/country-specific regulations (proof of purchase by invoice or any note).

Damage attributable to normal wear and overload or improper handling will be excluded from the guarantee.

In case of complaint please send the chire, undismantled, to your dealer or Bosch Service Centre for electric power t

Care and Maintenance

■ The battery should always be removed before any work is performed on the unit.

The unit is maintenance free.

The unit should be stored in a dry place where it is protected against freezing.

If, despite careful manufacture and testing procedures, the unit should become defective, repair should be performed by an authorised service agent for Bosch electric tools.

Environmental protection

Do not open battery.

Do not dispose of used battery with household waste or throw into fire or water.

Bosch offers an environment friendly battery disposal service:

Defective batteries are sent off to undergo a complete recycling process. Return via dealers or Bosch customers service.

Recycling raw materials instead of waste disposal

These instructions are printed on recycling paper manufactured without chlorine.

Machine, accessories and packaging should be sorted for environment-friendly recycling. The plastic components are labelled for categorized recycling.



We guarantee BOSCH appliances in accordance with statutory/country-specific regulations (proof of purchase by invoice or any note).

Damage attributable to normal wear and overload or improper handling will be excluded from the guarantee.

In case of complaint please send the chire, undismantled, to your dealer or Bosch Service Centre for electric power t

Service

Great Britain

Robert Bosch Ltd. (B.S.C.)
P.O. Box 98

Broadwater Park
North Orbital Road
Denham-Uxbridge
GB-Middlesex UB 9 5HJ

☎ (08 95) 83
FAX (08 95) 83

Ireland

Beaver Distribution Ltd.
Greenhills Road
IRL-Talaght-Dublin 24

☎ (01) 51
FAX (01) 51

Radio suppression

Bosch power tools are radio and TV suppressed in compliance with the Directive of the European Commission 87/308 as well as EN 55014/VDE 0875.

Noise Level

Noise level at the workplace can exceed 85 dB in this case operators should protect themselves with defenders. The noise level of this power tool is used according to IEC 59 CO 11, IEC 704, DIN 4 Part 21, NFS 31-031.

**BOSCH**

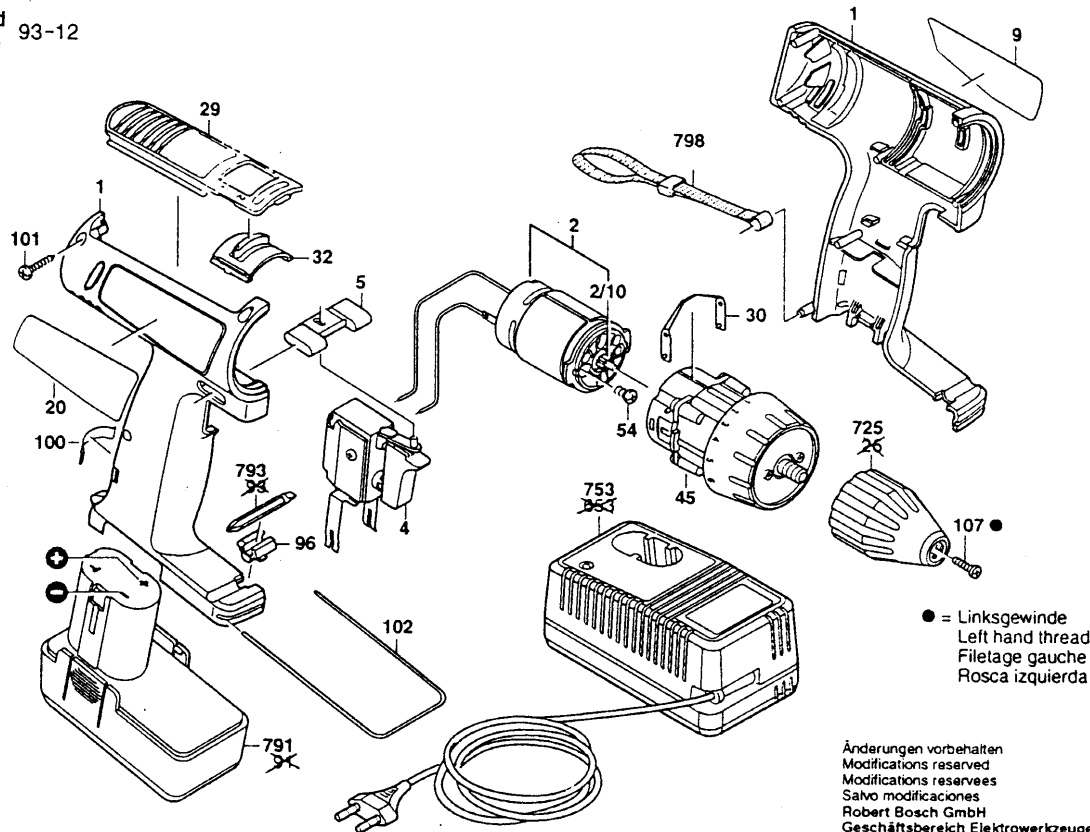
KUNDENDIENST

ERSATZTEILE
SERVICE PARTS
PIECES DE RECHANGE
PIEZAS DE RECAMBIO

Typ 0 601 936 6.. = GSR 9,6 VES - 2

Stand
Issue 93-12

2 609 973 331 (465) Printed in Switzerland - Imprimé en Suisse

● = Linksgewinde
Left hand thread
Filetage gauche
Rosca izquierdaÄnderungen vorbehalten
Modifications reserved
Modifications reserves
Salvo modificaciones
Robert Bosch GmbH
Geschäftsbereich Elektrowerkzeuge
70745 Leinfelden-Echterdingen 1

Fourniture des pièces de rechange par les stations service BOSCH pour l'outillage électroportatif
Lieferung der Ersatzteile durch die Service-Stationen BOSCH für die Elektrowerkzeuge
La plaque signalétique, le numéro de la figure, le nombre de pièces et la référence à un chiffre des pièces de rechange s'écrit
Suministro de piezas de recambio a través de los Puntos de Servicio Portátiles BOSCH de herramientas eléctricas
Siempre indicar siempre al curar pedidos de piezas de recambio al número de pedido de máquina de diez cifras según la placa de características, num. de figura, número de unidades y número de pedida de diez cifras de la placa de recambio deseada.

Ersatzteilversorgung über BOSCH Elektrowerkzeuge Kundenbetreuungszentrum
Für Ersatzteil-Bearbeitungen bitte 10-stellige Maschinen-Bezeichnung, Teil-Nummer, Stückzahl und 10-stellige Bestellnummer der gewünschten Ersatzteile angeben.
Service parts supply via BOSCH Power Tools After-Sales Service
When ordering service parts, please quote 10 digit machine part number as per nameplate, figure no., quantity and 10 digit part number of the desired service part.

ERSATZTEILE AKKU-SCHRAUBER
SERVICE PARTS CORDLESS SCREWDRIVER
PIECES DE RECHANGE VISSEUSE A BATTERIE
PIEZAS DE RECAMBIO ATORNILLADORA A BATERIA
13.04.94

0 601 936 603;627;634;637;642
GSR 9,6 VES-2

ST935(NR)KN(AEME0494)

POSITION ITEM NO. REPERE NO.POS	STUECK QUAN. CANT.	BESTELL-NR. PART NUMBER CODE ARTICLE NO PEDIDO	POSITION ITEM NO. REPERE NO.POS	STUECK QUAN. CANT.	BESTELL-NR. PART NUMBER CODE ARTICLE NO PEDIDO
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1	1	2 605 104 438	DUNKELBLAU; 2 HAELFTEN
2	1	2 607 022 937	9,6V
2/10	1	2 606 316 143	ZÄHNE
4	1	2 607 200 328	7,2-12V; 50A + RL
5	1	2 601 099 055	
9	1	2 601 118 624	SCHATTENSEITE
20	1	2 601 118 625	SCHATTENSEITE
25	1	POS.725	3/8"; φ 1,5-10 MM
29	1	2 605 510 130	
30	1	2 602 033 008	
32	1	2 601 099 045	
45	1	2 606 200 045	VOLLSTÄNDIG
54	2	2 603 414 049	MIT TORX
91	1	POS.791	9,6V; KLARSICHT-VERPACKUNG
91/1	1	POS.791/1	9,6V; KARTON-VERPACKUNG
93	1	POS.793	
96	1	2 608 040 072	
98	1	POS.798	
100	1	2 601 322 016	
101	6	2 603 435 045	3 x 18 MM
102	1	2 601 329 041	
107	1	2 603 421 214	M 5x27 LINKS
653	1	POS.753	
725	1	2 608 572 021	POS.25 3/8"; φ 1,5-10 MM
753	1	2 607 224 168	115V; 1 STD.; 7,2-12V; TYP 634
753/1	1	2 607 224 152	230V; 1 STD.; 7,2-12V; TYP 603
753/2	1	2 607 224 166	240V; 1 STD.; 7,2-12V; TYP 637
753/3	1	2 607 224 164	240V; 1 STD.; 7,2-12V; TYP 642
790	1	2 605 438 320	KUNSTSTOFFKÄSTEN
791	1		9,6V; KLARSICHT-VERPACKUNG
791/1	1	2 607 335 037	KARTON-VERPACKUNG
793	1	1 609 200 392	SIEHE KATALOG
795	1	2 607 000 334	SIEHE KATALOG
796	1	2 607 000 345	VOLLSTÄNDIG
797	1	2 607 000 348	SIEHE KATALOG
798	1	2 601 398 013	SIEHE KATALOG

899 1 0 601 936 627 9,6V