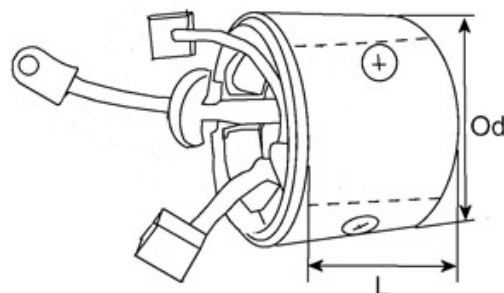


H - Altura (mm)



Od - Diâmetro externo L - Comprimento (mm)

<p>Ref. 16.22506 16.22507 = 16.130131 BOSCH</p> <p>16.22506 Ref. Original 2 004 125 076 Motor Arranque BNG 22711</p> <p>24V</p> <p>16.22507 Ref. Original 2 004 125 078 Motor Arranque BNG 22606</p> <p>16.130131 Ref. Original 2 004 125 075; -8,-80 Motor Arranque 0001413017; -...</p> <p>H 120,5</p>	<p>BOSCH</p> <p>16.131313 Ref.</p> <p>Ref. Original 2004 114 148 Motor Arranque 0001 362 047 MERCEDES-BENZ</p> <p>12V 1.9/2.2/2.4kW</p> <p>H 112,25</p>
<p>Ref. 16.131074 16.WSF2980 16.CM500144 BOSCH</p> <p>24V 4.0kW</p> <p>H 127,6</p>	<p> 16.M800T-47371 16.P3819 16.M800T-43573 Ref. 16.P3519 (12v)</p> <p>Ref. Original M800T-47371 Original Canter</p> <p>24V</p> <p>Cargo 16.136938 Ref. Original M800X43574; -3 M800T43571; -7371 Motor Arranque M2T65272; -...</p> <p>24V 3.2kW</p> <p>Od 81 L 85</p>
<p>Ref. 16.234266 OE</p> <p>24V 3.2kW</p> <p>Od 81,65 L 71,6</p>	<p> 16.231504 Ref.</p> <p>Ref. Original M800X70772/ 70787 Motor Arranque M8T80071/ 80071B</p> <p>Canter 3.9TD FE 95- 9T Canter 60 3.3TD 92-96</p> <p>12V 2.2kW</p> <p>Od 81,65 L 71,75</p>

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

Ref. 16.138536





Od 80,5 L 70,6



Ref. Original
83225146
83226348
Motor Arranque
63101000; -2, -8
63222889; -...

12V
0.8kW



Ref. Original
R201-24-730A
M800X47071; -70171/2
MD618269
Motor Arranque
M2T60185; -...

12V
2.2kW

16.230717 Ref.





Od 80,45 L 84,6

Ref. 16.130882



H 126

Ref. Original
60600018
TEB105
Motor Arranque
M50: 26331E
26338A, -D, -E, -F

12V
2.8kW



Ref. Original
10469230, D4257
Motor Arranque
37MT: 10478811,
-814, -819, -826,
-960, -976
10479020, 1993901

24V

16.232872 Ref.



H 143,35

Ref. 16.130171

DUCELLIER



H 99,7

Ref. Original
618142
Motor Arranque
6035E,F;
6081D,E,F;
6139C
6155F,G,H,J,K;
532000B

12V
1/1.2kW

BOSCH

Indutora com Carcaça

Ref. Original
1005 001 915, -924
Motor Arranque
0001 108 018,
-042, -054, -057, -063,
-064, -065, -074, -078,
-079, -080

12V
1.4kW

16.137169 Ref.



Od 74 L 112,55

Ref.

Ref.

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

26 Ago.
2010

02.16

SIMPORAL - Sociedade Importadora de Peças para Automóveis, LDA.

Loja 1 Rua Victor Hugo, 12-B, 12-C
1000-294 Lisboa — PORTUGAL

Loja 2 Rua Almirante Gago Coutinho, 99
2620-099 PÓVOA DE SANTO ADRIÃO

Tel: 218 486 019 / 91 969 4047 / 91 235 1401
Fax: 218 400 935 e-mail: info@simporal.pt

Tel: 21 192 7099 / 21 192 7100 Fax: 21 1927098
e-mail: simporal.povoa@simporal.pt

www.simporal.pt

Ref. 16.137399
16.CM500531

16.IA-5001
16.WSF2888

BOSCH

Valeo

16.139546 OE Ref.



Ref. Original
594535; -4
Características
Carcaça Completa
Motor Arranque
D6RA...

12V
1.1kW

Od 63,55 L 96,25

Ref. Original
1005001926
Características
Carcaça Completa
Com Iman
Motor Arranque
000110011/39
NISSAN
Micra 1.0 16V
08/1992-01/2007
Micra 1.3 16V
08/1992-07/2000



12V
1.1kW

Od 74 L 98,55

Ref. 16.139697
16.WSF2936

BOSCH

16.000 16.000 Ref.



Ref. Original
6033AD0128
6033AD4064; -96
6033AD0189
6033AD4107; -9,-77
Motor Arranque
0001231001
-2,-3,-...,-19,-23,-26,-27

24V
4.0kW

Od 95,3 L 121

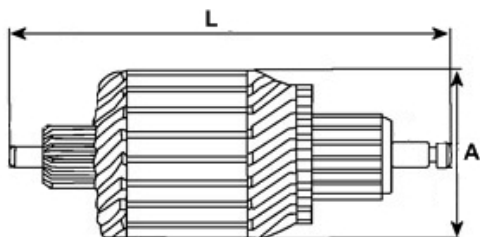
Ref.

Ref.

Ref.

Ref.

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.



A - Diâmetro externo L - Comprimento (mm)
Rotação: Direita, Esquerda

16.131311 16.22502 Ref.
16.IA-105 16.MT100179

Ref. Original
2 004 005 023; -4
Motor Arranque
BNG 22711
0001417001; -...



24V
6.6kW

A 83 L 256 Rot.:D

Ref. 16.130120 16.IA-122 16.CGB-22501
16.MT100166 16.22501



Ref. Original
2 004 005 153
2 004 005 022; -46
2 004 005 037; -02
Motor Arranque
FKB 0001 415 008/9
BNG 22606
0001414001; -2, -3, -..., -21

A 83 L 235
24V
5.0kW

16.130320 16.22503 16.IA-124 16.CGB-22503 Ref.

Ref. Original
2 004 005 025
2 004 005 071
2 004 005 151
16360068 -Iskra
Motor Arranque
BNG 22711
0001410015; -...



24V
5.5kW

A 83 L 270
Rot.:D

Ref. 16.132031 16.MT100500



Ref. Original
1004012450
900114339
Motor Arranque
0001218...

A 50 L 158
18Dentes; Rot.:D
12V
2.2kW

16.230518 16.IA-2127 16.IM-2127 16.MT100527 Ref.

Ref. Original
1004011067/207

Motor Arranque

0001110071/
072/110/112/113/...

SEAT Cordoba 1.9D,TD 93-95/
Ibiza 1.9d,td 93-94/ Toledo 1.9d,td 91-94/
Corrado 2.8VR6 91-; 2.9 VR6 91-/
Golf 1.9d 91-97; 1.9 td 91-94; 1.9TDI 93-94/
2.8VR6 92-95 Passat 1.6 d,td 91-93; 1.9 d,td 91-93/
1.9TDI 93-96; 2.8VR6 92-97/ Vento 1.9d,td 94-98/
1.9d,td 94-98; 1.9d,td 91-94; 1.9 SDI 95-98; 1.9TDI 93-96/
Transporter 2.5 -07 FORD D Escort 1.8 d,td 95-/
1.8 d,td 90-95 D Fiesta 1.8d 95-; 1.8d 90-95/
D Mondeo 1.8d 93-00; MAZDA 121 1.8d 96-



12V
1.7/1.8kW

A 59 L 160
13Dentes; Rot.:D

Ref. 16.131309 16.IA-166 16.WSA1919 16.MT100108
16.137287 (18v)



Ref. Original
2004004033; -2, 5, 6, 8
2004014075; -975

Motor Arranque
0001368019/
020/ 021

A 75,15 L 338
10Estrias; Rot.:D
24V
4.0kW

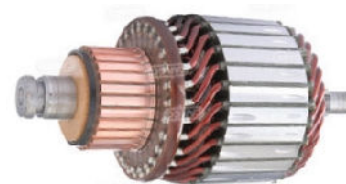
Fiat, Case,
Volvo, Scania,
Mercedes, Man

Ref. Original
1004011210/212

Motor Arranque

0001107402/ 03/06/07/
09/10/17/18/21/22/27/28

Opel Corsa C 1.0/1.2/1.4/1.8;
Zafira 1.6/1.8; Astra G 1.2/1.6/1.8;
Corsa B1.2; Combo 1.2/1.4/1.6;
Vetra 1.6/1.8; Tigra 1.6; Meriva 1.8;
Mercedes C180/200/220/230;
CLK200/230/Sprinter/Vito 113/4;
SSANG YONG Musso 2.0/2.3;
VW LT 28/35/46 2.3 Petrol;
FORD Fiesta 1.3i 01-/FocusII; KA 1.3i/1.6i 02-/
Sportka 1.6i 03-/Streetka 1.6i 02; ...



12V
1.1kW

16.234125 Ref.
(*novo 330084)

A 52 L 114
11Dentes; Rot.:D

Ref. 16.132816 16.WSA5855 16.MT100502



Ref. Original
1004011023/34

Motor Arranque

0001108001/
05/ 07/ 09/ 10/ 12/
14/ 16/ 18/ 21/ 22

Audi; Mercedes; VW,
Ford, JEEP, OPEL,
CITROEN, PEUGEOT,
ROVER, Chrysler/...

A 55 L 138,3
11Dentes; Rot.:D/E
12V
1.1kW

Ref. Original
1004 011 053,
-059, -201

Motor Arranque

0001 110 001,
-002, -004, -007

VOLKSWAGEN
Golf; Jetta; California;
Caravelle; Multivan;
Transporter



12V
1.7/1.8kW

A 59 L 160
(a)13dentes
(b)15dentes
Rot.:D/E

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

Ref. 16.132815 16.IA-2105 16.MT100503



A 60
L 163
18Dentes
Rot.:D/E
12V
1.7kW

Ref. Original
1004011030
Motor Arranque
0001110003/
05/ 24/ 25/ 26
MITSUBISHI
Carisma 1.9D,TD 96-;
RENAULT Clio1.9 D 90-98/
Megane1.9d 95- / Megane1.9TD 96-/
R19 1.9d 88-95/ Safrane 2.2i 92-96;
VOLVO S40 1.9TD 06/1996-; **FIAT** 79-99;
CITROEN 83-2002; **PEUGEOT** 83-98;
CHRYSLER 86-94; **PORSCHE** 911 90-;...

16.137284 16.MT100514 Ref.



12V
2.0kW
A 60 L 148
16dentes

Ref. Original
1004 011 074, -87
Motor Arranque
0001 109 017,
-03, -044,
0001 125 001,
-002, -003, -004,
-005, -006

FARYMANN

Ref. 16.132158 16.WSA1902 16.MT100258



A 75
L 290
10Estrias
Rot.:D
12V
2.0/2.4/2.7kW

Ref. Original
2004 004 092,
2004 014 952
Motor Arranque
0001 362 305,
-308, -311, -313, -314, -
320, -322, -325, -326,
-329, -602, -603, -607
ATLAS COPCO
DEUTZ-FAHR
IVECO

16.130115 16.MT100104 Ref.



12V
2.4kW
A 75 L 290
10Estrias; Rot.:D

Ref. Original
2004004074; -95

Motor Arranque
0001362034; -...

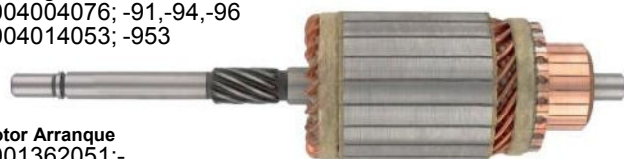
Ref. 16.235324



A 52 L 114
9Dentes; Rot.:D
12V
1.1kW

Ref. Original
1004 011 212
Motor Arranque
0001 107 401,
-404, -405, -411,
-429, -435, -437
OPEL
Agila;
Astra F / G; Combo;
Corsa A / B / C
Meriva; Tigra;
Vectra A / B / C;
Zafira

16.130117 16.MT100117 Ref.



12V
2.4/2.7kW
A 75 L 313
10Estrias; Rot.:D

Ref. Original
2004004076; -91,-94,-96
2004014053; -953

Motor Arranque
0001362051;-...

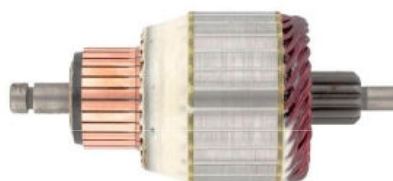
Ref. 16.231065 16.WSA5956



A 55 L 116
9Dentes; Rot.:D/E
12V
0.9kW

Ref. Original
1004 011 089
Motor Arranque
0001 106 011,
-012,-015,-016,-017,
-018,-019,-022,-023,
0001 115 006
OPEL
Astra F / G / MK IV;
Corsa C / MK;
Vectra B; Zafira A
DAEWOO Espero

16.134514 Ref.

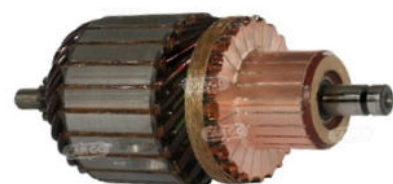


12V
1.1kW
A 55 L 123
11dentes; Rot.:D/E

Ref. Original
1004011039
-42,-62,-68,-86

Motor Arranque
0001107003; -...

Ref. 16.137893 16.IA-2120 16.WSA5945 16.MT100520



A 59 L 149
13Dentes; Rot.:O
12V
1.8kW

Ref. Original
1004 011 072,
F010 AL1 014
Motor Arranque
0001 109 014, -018,
-025, -026, -028, -029,
-030, 031, -033, -034
MERCEDES-BENZ
C 220; C 200;
G 270; CLK 270;
E 200/250/280;
S 320; Sprinter;
C 30 AMG

16.230371 Ref.



12V
2.1kW
A 59 L 149
11Dentes; Rot.:D

Ref. Original
1004011208
Motor Arranque
0001109015; -...

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

Ref. 16.139657 16.MT100536 16.WSA5963 **BOSCH**



Ref. Original
900334039
6033AD0285
6033AD4080; -13

Motor Arranque
0001231001;
-2,-3,-...,-19,-23,-26

A 60 L 169 **24V**
16Dentes; Rot.:D **4.0kW**

Ref. 16.231272 16.MT100679 **BOSCH**



Ref. Original
2004014028

Motor Arranque
0001371004
-5,-6,-...,-20

A 75 L 393,3 **24V**
19Dentes; Rot.:D **6.7kW**

Ref. 16.131472 16.IA-92 16.MT100128 **MAGNET
MARELLI**

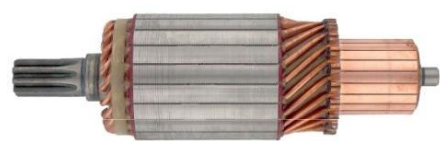


Ref. Original
72163701

Motor Arranque
63217136; -...
**FIAT AGRICULTURE
LANDBRUG
FIAT ALLIS**

A 75 L 292 **12V**
12Estrias; Rot.:D **2.5kW**

Ref. 16.135668 **NIKKO**



Ref. Original
0-23100-0251

Motor Arranque
0-23000-3150
-3160, -3170, -3180
-3200, -3270, -3280

A 64,9 L 216 **24V**
9Dentes; Rot.:D/E **7.5kW**

Ref. 16.130200 16.IM-218 16.MT100145 **Lucas**



Ref. Original
54243590, TJB103

Motor Arranque
M50,26273E/F,
26304D,26316D,
26341A,27500A

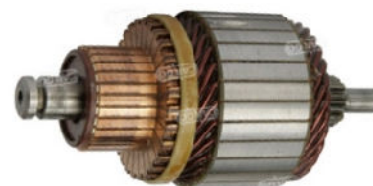
A 84 L 303 **12V**
12Estrias; Rot.:D **2.8kW** **DRONNINGBORG D1600**

BOSCH

Ref. Original
1004011210

Motor Arranque
0001107402; -...

16.330084 16.MT100709 Ref.



12V A 52,29 L 113,5
1.2kW 11dentes; Rot.:D

BOSCH

Ref. Original
6033AD0010
6033AD0436
6033AD1059

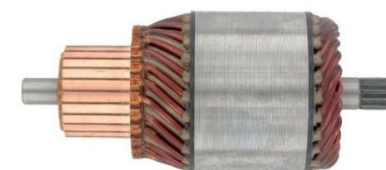
Motor Arranque
0001223001; -...

16.233475 16.WSA5975 Ref.



12V A 58 L 145
2.3kW 14Dentes; Rot.:D

Ref. 16.132817 16.MT100600 Ref.



12V A 59 L 134
2.2kW 11Dentes; Rot.:D/E

**MAGNET
MARELLI**

Ref. Original
748 942 21
74894221

Motor Arranque
E95R: 632 218 31,
632 220 30, -31, -34; ...

Ford

Ref. Original
XC1U11005AA
Motor Arranque
98VB11000B1A

FORD D Mondeo 1.8i 93-00/; 2.0i 93-00/
Cougar 2.0 aut 95/ Escort 1.6i 16V, XR3i/ 1.6i,
XR3i,4x4 95-/Escort 1.8i, XR3i 95-; 1.8 d,td 90-95,95-
Focus 1.8/2.0 98-; 1.8 Tci 98-/ Mondeo 1.8i/ 2.0i/
1.8TD 93-00/ Cougar 2.0 95-/Transit 2.5 D,td/
2.5 Di 96-00; **MAZDA** 121 1.8d 96-

16.230739 16.WSA1599 Ref.
16.IM-3091 16.MT100649



A 54 L 156 **12V** 11Dentes
1.9/2.2kW Rot.:O

Ref. 16.131656 Ref.



12V A 74,5 L 331
2.1kW 12Estrias; Rot.:D

Lucas

Ref. Original
54247383; TIB109

Motor Arranque
M45G. 26233K
26286F/J; ...

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

Ref. 16.132486 16.M106X-02271 16.AM-6035
16.IA-3041 16.WSA1994 16.MT100467 16.P3509



12V
2.0kW

A 53,2 L 152
9dentes; Rot.:D/E

Ref. Original
ME700116
M106X29871/ 41672
Motor Arranque
M2T56171
181/ 182/ 185/ 271/272
NISSAN Vanette 2.0d 81-; HYUNDAI H-1 2.5d,td 97
MITSUBISHI Galant 2.3td 81-84/ Canter FB213 82-/
L200 2.3d 81-86/; 2.5d,4WD 86-97/ L300 2.3d 83-86/;
2.5d,td,4X4 86-94/ Pajero 2.3d,td 82-86/; 2.5td 90-94/;
2.5td 89/ Shogun 2.5d 4X4 87-/ COLT1.8-2.0d/
GALANT1.8td-2.0td/ Lancer 1.8d-2.0d/
Space Runner 2.0d/ Space Wagon 1.8 d

Ref. 16.133034 16.IM-3040 16.M106X-29371 16.P3809
16.IA-3040 16.AM-6138 16.WSA1960 16.MT100466



A 53,6
L 151,4

9Dentes
Rot.:D/E 24V
3.2kW

Ref. Original
ME700136
Motor Arranque
M2T64271
65271/65272/
66872/67871/67872
MITSUBISHI Canter
FE211 50-83/; FE211 83-; FE214 50-/
FE301,304,311,314 50-87/;
FE331,334 50-87/;
FE431,434,444 86-01

Ref. 16.139398 16.IA-3081 16.WSA19916 16.MT100633



12V
1.0kW

A 54 L107
9Dentes
Rot.:D/E

Ref. Original
M106T57671
MD619164
Motor Arranque
MOT80081/ 80281/80281A/
80381/ 80581/ 80681/ 80685/ 80686
80881/ 80981/ 81081/ 81381/ 81581
MAZDA MX3 1.8 V6 93-99/ MX5 1.8 98-/
MX6 2.5 V6 91-97/ Xedos 6 94-99/
323 1.8 94-98/ 323 1.8 98- 323 2.0 01-/
323 2.0 V6 94-98 / 626 1.8 97-/626 1.8 91-97/
626 2.0 97-02/ 626 2.0 91-97/626 2.5 V6 91-97/
MPV 2.0 16V 99- Premacy 1.8 99- Premacy 2.0 99- ;
NISSAN 100NX 1.6 91- Almera 1.4 16V 95-00/; 1.6 16V 95-00/
Sunny 1.4i 91-95/; 1.6i 91-95/ 1.6i sta.car 2WD 91-95/
MITSUBISHI Carisma 1.8 GDI 97- Colt 1.6 95- Lancer 1.6 95-/
Galant 2.5 V6 24V 96-; SUBARU Impreza 1.6 2WD,4WD 92-00/
CITROEN C5 2.0 HDI 01- Evasion 1.9 D, TD 94-02/; 2.0 HDI 00-02/
Evasion 2.1 TD 96-02/ Xantia 1.9 d,td 93-01/ Xantia 2.1 td 95-/
Xsara 1.9 d,td 97- Xsara 2.0 HDI 99-;
FIAT ...;Lancia.../ HYUNDAI...; LANCIA ...; PEUGEOT ...;

Ref. 16.138962 16.IA-3079 16.WSA1999 16.MT100631



12V
2.0/2.2kW

A 53,5 L 141
13dentes; Rot.:D

Ref. Original
M106X43571
MD618958
Motor Arranque
M2T84071/
84171/ 84571/ 87071/
87171/ 87271/ 87371/ 87471/
MITSUBISHI Space Gear 2.5d 94-98/
Pajero 2.5 td 98-; 2.8d 95-98/
L300 2.5d,td,4X4 94-98/ L200 2.5d,4WD 96-/
FORD USA Ranger 2.5TD 98-;
MAZDA B2500D 96-00/
MERCEDES-BENZ A170 CDI 98-01

16.139825 16.AM-7131 16.IA-3095 Ref.
16.61-8330 16.WSA1998 16.MT100653

Ref. Original
ME701492
M106X-43772
M105X-43771
Motor Arranque
M8T80071/
80071A/80171/80471/80472
/80571/85071/85071A/85271



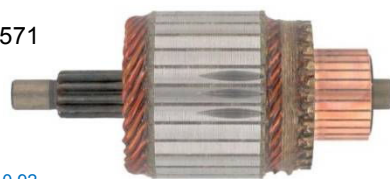
629-2RS

MITSUBISHI Canter FE
507,515,649,659 1995-

24V
3.2/3.7kW A 53,5 L 141,2
13Estrias; Rot.:D

16.135832 16.61-8313 16.IA-3061 16.MT100615 Ref.

Ref. Original
M106X08671; 52171/ 58571
Motor Arranque
M1T70483/ 70881/
70881A/ 71281A/ 71384
71781A/ 71881A/ 72581
72583/ 72583G/ PMGR



NISSAN 200SX 94-95/ Serena 2.0 92-
HYUNDAI Elantra 1.6 91-95/; 1.8 90-95/
Santamo 2.0 96- Sonata 1.8 93-96/; 2.0 88-98/; 2.4i 88-96/
H-1 2.4 97-/H100 2.4b 93-97/ MITSUBISHI Colt 1.6 GTi16V 89-90/
Colt 1.8 GTi 16V 89-92/ Eclipse 2.0 91-94/; 2.0 Turbo 95-99/
Galant 2.0 86-88/; 2.0,4WD 92-97/; 2.0i, GTi 16V, 4WD/S 87-93/
Galant 2.4i 86-87/ Lancer 1.8 GTi 16V 89-92 Sapporo 2.4i 87-89/
SpaceGear 2.0i 94-; 2.4 94-/SpaceWagon 2.0i 87-91/; 2.4 92-98/
Starion 2.6i 89- L200 2.0 86-94/; 2.4 94-97/; 2.6b 89-95/
L300 2.0 2WD b 95-; 2.0 4X4 b 86-92/; 2.0 b 86-00/;
2.4,4X4 b 90-96/ Pajero 2.6 b 86-/-...

12V
1.4/1.2kW

A 53,8
L 121,5
11dentes
Rot.:D/E

16.234100 16.MT100654 Ref.

Ref. Original

Motor Arranque
M9T60371/ 671 (5.5kw)
5010306777



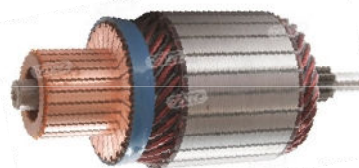
RENAULT
Kerax 340 97-99 12T

24V
6.0kW A 60 L 177 Rot.:D
13Dentes;13Estrias

16.231468 16.MT100744 Ref.

Ref. Original

Motor Arranque
MOT80082,
M1T80081, -80082

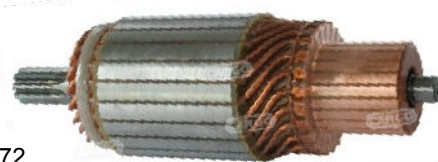


CITRÖEN
Xsara; Berlingo; C5
PEUGEOT 307; 406
SUZUKI Vitara

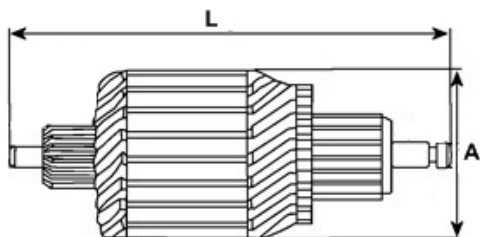
12V
1.7kW A 54 L 132
9Estrias; Rot.:D

16.231771 16.MT100652 Ref.

Ref. Original
M106X40871
ME700854
Motor Arranque
M2T78071
-78072, -78271, 78372,
-78381, -78382, -78383,
-78481, -78482, -78571,
M3T58471



24V
5.0kW A 54 L 170
9Estrias



A - Diâmetro externo L - Comprimento (mm)
Rotação: Direita, Esquerda

16.136613 Ref.

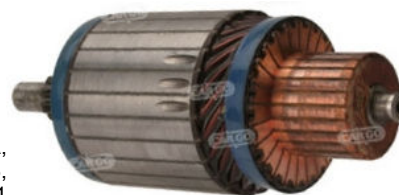


Ref. Original
106X54271,
-57471, -59171
Motor Arranque
M1T74081A
-74087, -74181, -74181A,
-74381A, -74581, -74583,
-74781, -74781A, -75181
-75181A, -75281, -75283

SUBARU Impreza; Legacy;
Forester; Leone; SVX

12V
1.7/2.0kW

A 54
L 144
11Estrías



Ref. 16.234974 16.MT100763



A 54 L 127
11Dentes; Rot.:D 12V
1.4/1.8kW

Ref. Original

Motor Arranque
M1T85681
-85781, -85981

NISSAN Primera
OPEL Vivaro
Renault Clio II; Laguna II;
Megane II; Master; Trafic
SUZUKI Grand Vitara



Ref. Original
M106T01871
M106X01271; -871
M106X53271;
-5071; -7271
MD607413; MD618450
Motor Arranque
M2T52081; ---
M2T52171; ---



12V
1.2kW

A 54 L 139,5
9Dentes; Rot.:D/E

Ref. 16.139593 16.1A-5050
16.IM-539 16.MT100642

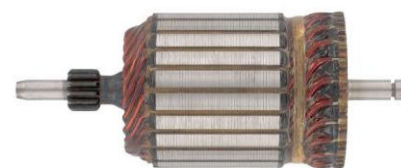
A 44 L 112
8Dentes; Rot.:D 12V
1.1kW

Ref. Original
594531; 594529
Motor Arranque
D6RA13/
141/ 53/ 56/ 57/
571/ 63/ 21/ 661
RENAULT CLIO.../ KANGOO...
MEGANE.../ Espace 3.0 96-/
Laguna 3.0 V6 94-98/ Safrane 3.0i 96-;
CITROEN Xantia 2.0 16V 93-96/ ZX 1.6 94-
97/ ZX 1.8 95-97/ ZX 2.0 16V 92
PEUGEOT 306 2.0 GTi, S16 93-96
PEUGEOT 405 2.0 M16 92-97/
VOLVO 440, 460, 480



Ref. Original
594019/ 21
594526
Motor Arranque
D6RA62; ...

OPEL
ASTRA / CORSA
TIGRA / VECTRA/ ZAFIRA
(1.6 16V 99-00)
CITROEN
RENAULT



12V
1.1kW

A 44,2 L 112
13Dentes; Rot.:D/E

Ref. 16.132027 16.1A-5500 16.MT100492



A 60 L 138
15Estrías; Rot.:D 12V
3.1kW

Ref. Original
182049/ 175
Motor Arranque
D9R73/ 89/ 90/ 91/
96/ 99/ 105/ 106/ 116/
118/ 119/ 122/ 126/ 134/
135/ 139/ 142/ 149/ 1050

Peugeot 504, 505, 604
RENAULT; Mercedes
C&E Class; Sprinter/ Vito;
CITROEN



Ref. Original
594518
Motor Arranque
D7E1,
-16, -19, -20, -22,
-23, -26, -27, -52

RENAULT
Clio I / II / III; Kangoo;
Modus; Twingo



12V
0.85kW

A 50 L 155
10Dentes; Rot.:D

Ref. 16.132456



A 52,7 L 174
11Dentes; Rot.:D/E 12V
2.0kW



Ref. Original
2130-1101
2130-31002
23310-54A00

Motor Arranque
23300-3M005
S13-101; -5, -...



Ref. Original
594528; -30

Motor Arranque
D6R100; ---
D6RA67; ---

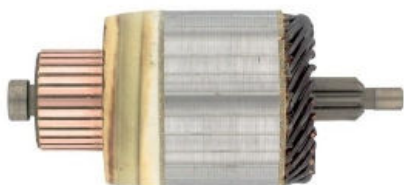


12V
1.1kW

A 44 L 112
7Dentes

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

Ref. 16.137948 16.IM-3044
16.IA-3044 16.MT100465



A 50,8 L 111
8dentes; Rot.:E **12V**
1.4kW

Ref. Original
2114-11111/21111
Motor Arranque
S114-800/ 800A/
801A/ 801B/ 804/
805/ 808/ 816/ 829A

Opel Astra 1.7TD;
Corsa 1.7TD/Dti;
Vectra Diesel1.7d;
Nissan Almera
Primera/ Sunny

HITACHI

16.136249 16.IA-3056 Ref.
16.233886 16.MT100604



Ref. Original
2130-61004;
2130-81004
233100Y000

Motor Arranque
S13-102/ 200/
203/ 210/ 289/ 327/ 329/ ...
S13-204/ 205/ 205A/ 205C/
205D/ 210B/ 210C/ 282/ 332

Mazda; Isuzu Trooper; Yanmar KA 24DE;

NISSAN 2500d/TD Pick up 98-/ **2500d** Pick up 95-/ 87-95/ **2700d** Pick up 87-/
Cabstar 2.3d 87-88/; 2.5d 92-/2.7d 87-88/ **Cabstar E2.7d** 06/99-10/99/ **King**
Cab 2.5d/TD 98-/; 2.5d 88-/ **Terrano I** 2.7d,td 87-93/ **Terrano II** 2.7TD 96-

12V A 53 L 182
2.3kW 11dentes; Rot.:D

Ref. 16.132798 16.IM-3000
16.IA-3000 16.MT100400



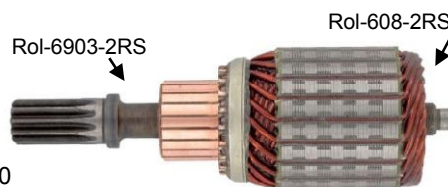
A 52,7 L 188
11Estrias; Rot.:D/E **12V**
2.0kW

Ref. Original
2114-91002,2130-21003
Motor Arranque
S13-62/
64/ 70/ 83/
84A/ 91/ 92A/
100/ 102/ 102A/ 104/ 115A
23310-10G00,S13-106

NISSAN D21

HITACHI

16.134121 16.IA-3007 Ref.
16.WSA19508 16.MT100406



Ref. Original
2114-61005
23310-M4900

Motor Arranque
S114-252F/
258C/ 296A/ 322/
344/ 368/373/393/
438B/ 440/ 450/ 480

NISSAN Patrol GR4.2 91-98/

Patrol 2.8b 79-89 **Cabstar 2.0b** 82-88/

KingCab 2.4 2WD 85-87/ **KingVan 2.0** 86-88/

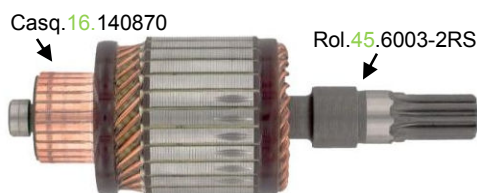
Urvan 82-; Thermoking ;Opel Corsa 1.5td/

Combo/ Corsavan

A 53 L 160
12V 11dentes

1.2kW Rot.:D/E

Ref. 16.137120 16.IM-3038 16.IA-3038
16.IN1005 16.MT100456



A 50 L 144,8
9Dentes **12V**
1.4kW

ISUZU; OPEL
Corsa B 1.5 d,td 96-00/
Corsa B 1.7D 96-00

HITACHI

16.132454 16.IA-3006 16.MT100405 Ref.

Ref. Original
2114-31009,
-71005, -71104
Motor Arranque
S114-254D,
-255A, -257H, -338,
-342A, -357B, -367

NISSAN

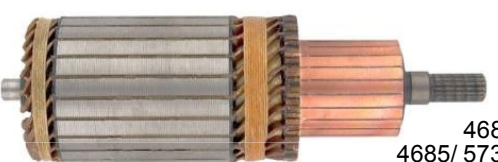
Laurel; Silvia; Patrol; Maxima
200SX; 280ZX; 720; 810

12V A 53 L 167
1.4kW 11Dentes; Rot.:D/E

Ref. 16.138675 16.6-57750

DENSO

DENSO 16.132553 16.IA-3010 16.MT100424 Ref.



A 65 L 211
18dentes; Rot.:D **24V**
5.5kW

Ref. Original
028200-5250
Motor Arranque
128000-2450/
2740/ 4250/
4682/ 4683/ 4684/
4685/ 5730/ 5731/ 5732;
228000-2470/ 5000

Case, Backhoe Note
4Excavators
Cummins, Komatsu

Ref. Original
028200-1590
27160-77090

Motor Arranque
028000-5510
-5860-6200

TOYOTA Dyna 3.0d 77-84/

Landcruiser 3.6d 79-80/

3.0d 77-84/; **3.4d** 80-84/; **3.4 d,td** 84-/;

4.0d 80-87/87-; **4.0 td** 87-/; **3.5d** 90-/; **4.2d** 90-96/;

4.2 td VX 100 98-/ **3FD33,35,40,50,60, FD100,**

FDC33,35,45 80-/ **Dyna 200 3.0d** 84-/; **3.4d** 84-88/

Dyna 300 3.4d 84-88/ **Dyna 300d** 88-93/

Lift Truck; Isuzu & JCB

24V
4.5kW

A 60 L 187
9Estrias; Rot.:D/E

Ref. 16.132869 16.IM-3023
16.IA-3023 16.MT100425

DENSO

DENSO

16.135825 Ref.



A 60 L 187
9Dentes; Rot.:D/E **12V**
2.5kW

TOYOTA DINA 250; J-1
Case/ **DAIHATSU**
4X4Rocky d, td 4WD;
Bobcat, Clark, John Deere,
Yanmar 3T90

Ref. Original
02800-0900; -20
28160-22011
028200-0901

Motor Arranque

028000-2151; -...

-241,-4050,-4650,-4651,
-4680,-4681,-4710,-5070,
-5071,-6790,-9690

12V
0.6kW

A 60,1 L 204
10Estrias; Rot.:D

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