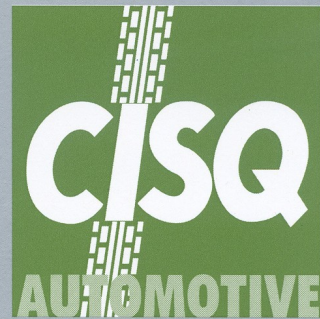




Small Starters series



RINA
www.rina.org



www.cisq.com

CERTIFICATO N. TS/21016/10
CERTIFICATE No.

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
IT IS HEREBY CERTIFIED THAT THE QUALITY MANAGEMENT SYSTEM OF

FIEM S.R.L.

VIA MARCHE 27 60030 MONSANO (AN) ITALIA

NELLE SEGUENTI UNITÀ OPERATIVE / IN THE FOLLOWING OPERATIONAL UNITS

VIA MARCHE 27 60030 MONSANO (AN) ITALIA

È CONFORME ALLA NORMA E AI REQUISITI DELLO SCHEMA
IS IN COMPLIANCE WITH THE STANDARD AND THE SCHEME REQUIREMENTS

ISO/TS16949:2009

PER I SEGUENTI CAMPI DI ATTIVITÀ / FOR THE FOLLOWING FIELD(S) OF ACTIVITIES

EA:19

PRODUZIONE DI ALTERNATORI, MOTORINI DI AVVIAMENTO, INDOTTI, CAMPI
INDUTTORI, STATORI E ROTORI PER IL SETTORE AUTOMOBILISTICO SU DISEGNO
DEL CLIENTE

**PRODUCTION OF ALTERNATORS, STARTERS, ARMATURES, FIELD COILS, STATORS
AND ROTORS FOR THE AUTOMOTIVE SECTOR ACCORDING TO CUSTOMER
DRAWINGS**

Riferirsi al Manuale della Qualità per i dettagli delle esclusioni ai requisiti della norma

Reference is to be made to the Quality Manual for details regarding the exemptions from the requirements of the standard

Essendo stati valutati in accordo alle "Regole per lo schema di certificazione ISO/TS 16949:2002 - Terza Edizione Ottobre 2008"
Having been assessed in accordance with "ISO/TS 16949:2002 certification scheme rules - Third Edition October 2008"

Prima emissione First Issue	24.03.2010
Emissione corrente Current Issue	24.03.2010
Data di scadenza Expiry date	24.03.2013

Dott. Roberto Cavanna
(Direttore della Divisione Certificazione)

RINA Services S.p.A.
Via Corsica 12 - 16128 Genova Italy

CISQ AUTOMOTIVE - Via Quintiliano 41 - 20138 MILANO

CISQ è la Federazione Italiana di Organismi di Certificazione dei sistemi di gestione aziendale. CISQ è membro di IQNET.

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For information concerning validity of the certificate, you can visit the site
www.rina.org

IL PRESENTE CERTIFICATO È EMESSE IN CONFORMITÀ ALLE REGOLE IATF

THIS CERTIFICATE IS ISSUED IN CONFORMITY WITH THE IATF RULES

La validità del presente certificato è subordinata a sorveglianza periodica annuale / semestrale ed al riesame completo del sistema di gestione con periodicità triennale

The validity of this certificate is dependent on an annual/six monthly audit and on a complete review, every three years, of the management system

Certificato IATF n. **0099968**
IATF Certificate n.



Ref. FIEM	Description	Main application / web site
3ES0110FUS	Starter 12v 0,25 Kw SX	Bernard Moteurs - www.bernard-moteurs.com
		Cargo ref.111789 - www.hcdk.com
		Engine ATW ref. 2883037100 - www.atw-mobil.de
		Wajenberg - www.waajenberg.com
3ES0200S	Starter 12v 0,35 Kw DX	Cargo ref. 112161 - www.hcdk.com
		Engine Selva Marine ref. 8520030 - www.selvamarine.com
3ES0222	Starter 12v 0,40 Kw DX	Engine Hirthmotoren Gobler Germany - www.hirth-engines.de
		Paraavis Russia - www.paraavis.com
3ES0223 3ES0200M	Starter 12v 0,40 Kw SX	Engine Hirthmotoren Gobler Germany - www.hirth-engines.de Limbach Flugmotoren gmbh - www.limflug.de
3ES0230S	Starter 12v 0,35 Kw DX	Engine Selva Marine ref 85 20 050 - www.selvamarine.com
3ES0300/30	Starter 12v 0,50 Kw SX	Engine stationaire Acme Motori - www.acmemotori.com
3ES1040011Z	Starter 24v 0,50 Kw SX	Engine Eagle Aviation (Usa) - www.eagleaviationtech.com
3M0101	Starter 12 v 0,40 Kw SX	Suitable to Bosch 0.001.160.002
		Cargo ref. 110637 - www.hcdk.com
		Engine Lombardini ref. 5840130 - www.lombardinigroup.it
		Engine SOLO Vertriebes ref. 2600269 - www.solo-germany.com
3M0101/10	Starter 12 v 0,40 Kw SX	Cargo ref. 111645 - www.hcdk.com
		Engine Lombardini ref. 0058401300 - www.lombardinigroup.it
3M0101D	Starter 12 v 0,40 Kw SX	Moto Ducati 350/500 cc Sport - 500 / 900 cc Pantah - www.ducati.com
3M0101PSE	Starter 12 v 0,60 SX SX	Cargo ref. 112250 - www.hcdk.com
		Gobler Hirtmotoren ref. 028.10 - www.hirth-engines.de
		Selva Marine ref. 8520050 - www.selvamarine.com
3M0102	Starter 12 v 0,40 DX DX	Suitable Bosch 0.001.160.003
3M0102LB	Starter 12 v 0,40 Kw	Moto Laverda 350/500/750 cc SF/1000RGS DX - www.laverda.it
3M01120011S	Starter 12 v 0,50 Kw	Simonini Racing Italy - www.simonini-racing.com
3MA14553	Starter 24 v 0,40 Kw SX	Eagle Aviation (Usa) - www.eagleaviationtech.com
		Paraglider Adventure France - www.adventure.fr
		Ulm Technologie France - www.ulmtechnologie.com
3MA14557	Starter 12v 0,35 Kw SX	Compact Radial Engines Canada - www.compactradialengines.com
		Monako Kart (I) - www.coviniengineering.com / www.carbonrace.it
3MA14558	Starter 12v 0,35 Kw DX	Compact Radial Engines Canada - www.compactradialengines.com Italsistem (I) - www.italsistem.com
3MA16557	Starter 12v 0,35 Kw SX	Vittorazzi Racing (I) - www.vittorazi.it
3MA16558S	Starter 12v 0,35 Kw DX	Simonini Racing Italy - www.simonini-racing.com
3MG14552	Starter 12v 0,25 Kw DX	Fly Castelluccio - www.flycastelluccio.it
		Fly Product - www.flyproducts.com
		LM Sedezzari - www.federkarting.it
		Paraavis Russia - www.paraavis.com
		Tennessee Propellers Usa - www.tn-prop.com
		Ulm Technologie France - www.ulmtechnologie.com
Victor Prochazka Walkerjet - www.walkerjet.cz		
3MG14552J	Starter 12v 0,25 Kw DX	JPX Italia - www.jpitalia.com
3MG14553	Starter 12v 0,25 Kw SX	WTP spa Italy - www.wtpengine.com
3MG14555	Starter 12v 0,25 Kw SX	Kart moto di Valerio Benetti - www.motorvalley.it
3MG14556	Starter 12v 0,25 Kw DX	PARAJET LTD - www.parajet.com
3MG16020	Starter 12v 0,20 kw DX	Aprilia AF150ET Tuareg 50 - www.aprilia.com
		Franco Morini - www.morinimotori.com
		Fresh Breeze Muller (D) - www.freshbreeze.com
		Malaguti Dribbling - www.malaguti.com
3MG16021	Starter 12v 0,20 kw SX	Derbi (E) - www.derbi.com
		Franco Morini engine - www.morinimotori.com
		Motore Minarelli engine - www.motorvalley.it
		Palmirani (I) - www.palmirani.com Ramzey Cyclomotor Turkey - www.ramzeymoped.com
3MG16022	Starter 12v 0,20 kw DX	Fresh Breeze Muller (D) - www.freshbreeze.com
3MG16023	Starter 12v 0,20 kw SX	Fresh Breeze Muller (D) - www.freshbreeze.com
3MG16150	Starter 12v 0,20 Kw DX	Bikespares LTD - www.bike-spares.co.uk / www.vtwinshop.co.uk
		Derbi Gpr 00H03910201 - www.derbi.com
		H@kker S.Motard 50cc
3MG16550	Starter 12v 0,20 Kw DX	Alberto Carvalho Araujo Portugal -

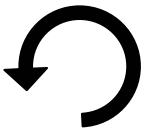
Ref. FIEM	Description	Main application / web site
3MG16551	Starter 12v 0,20 Kw SX	Marcmotor - www.marcmotor.com
		Ramzey CyclomotorTurkey - www.ramzeymoped.com
		ROS Motors di Rossetti - www.rosmotor.it
		SICAB Tunis - www.tunisianindustry.nat.tn
3MG16551S	Starter 12v 0,20 Kw SX	Vittorazzi Racing Motors - www.vittorazzi.it
3MG16551Z	Starter 12v 0,20 Kw SX	Cyclomotor SIMSON Motorrad Gmbh West Germany - Cyclomotor Zanella Argentina - Ramsey Turkey Cyclomotor - www.ramzeymoped.com
3MG16552	Starter 12v 0,25 Kw DX	Ivoprop - www.ivoprop.com
		M & B Precision - www.mbprecision.co.uk
		OU Propeller - www.propeller.ee
		Paraglider Adventure DEM31 - www.adventure.fr
		Radne Motor Sweden - www.radne.se
		Solo 210 Nenoah 250 - www.solo-germany.com
		Spin Paramotors - www.skyfly.cz/spin
ULM technologie - www.ulmtechnologie.com		
3MG16553	Starter 12v 0,25 Kw SX	Carbon Race Italy - www.carbonrace.it
		DINO A/S Denmark - www.dino.dk
		JSK Paramotor - web.telecom.cz/jsk/
		Monaco Kart Italy - www.coviniengineering.com / www.carbonrace.it
		Motori Seven Italy - www.motoriseven.com
		Team Tiercelin - www.teamtiercelin.fr
		Ulm Technologie France - www.ulmtechnologie.com
		Victor Prochazka Walkerjet R.Ceca - www.walkerjet.cz
		Vittorazzi Motors - www.vittorazzi.it
WTP Italy - www.wtpengine.com		
3MG16556	Starter 12v 0,25 Kw DX	Cobra International Thailandia - www.cobramotorsport.com
		Fly Castelluccio - www.flycastelluccio.it
		Fly Product - www.flyproducts.com
		Motoroma - www.motoroma.prv.pl
		Paraglider Adventure - www.adventure.fr
		Parajet ltd - www.parajet.com
		Power 2FLY - www.power2fly.com
SIMONINI Racing - www.simonini-racing.com		
3PN0001	Starter 12 v 0,30 Kw SX	Cargo ref. 112339 - www.hcdk.com CP.591004.C
		Lombardini ACME Engine Italy ref. 00563A1020 - www.lombardinigroup.it
3PN0001/3	Starter 12 v 0,30 Kw SX	Lombardini ACME Engine Italy ref. 05840119 - www.lombardinigroup.it
		Cargo ref. 111646 - www.hcdk.com
3PN0001/4	Starter 12 v 0,30 Kw SX	Lombardini ACME Engine Italy ref. 58.40.077 - www.lombardinigroup.it
3PN0001A/2	Starter 12 v 0,30 Kw SX	Acme ref. 563112-300 - www.acmemotori.com
		Lombardini ACME Engine Italy ref. 05840188 - www.lombardinigroup.it
3PN0001ACME	Starter 12 v 0,30 Kw SX	Lombardini ACME Engine Italy ref. 563109 - Lombardini ref. 563A1090 - www.lombardinigroup.it
3PN0001H	Starter 12 v 0,30 Kw DX	Eurofrigo (Italy) - www.eurofrigo.it
		W.F.M. (Italy) - www.wfm.it
3PN0001HT	Starter 12 v 0,30 Kw DX	Eurofrigo (Italy) - www.eurofrigo.it
3PN0001T/02	Starter 12 v 0,30 Kw SX	Telair - www.telecogroup.com
3PN0001W	Starter 12 v 0,30 Kw SX	Engine Honda application Dometic WTA Italy Engine for Camper - www.dometic.com
3PN1020020W	Starter 12 v 0,30 Kw SX	Engine Honda application Dometic WTA Italy Engine for Camper - www.dometic.com
3PN1040011T	Starter 24 v 0,30 Kw SX	Teknova - IP Cleaning - www.ipcleaning.com
3SE1203009D	Starter 12 v 0,30 Kw DX	GO-Kart Engine 125 cc - Suitable to Mitsuba SM5289
		Bull Power Engines srl - www.bullpower.it
		C.R.S. srl - www.crsmotori.com
		Kart Moto di Valerio Benetti - www.motorvalley.it
		Lecco Karting - www.leccokarting.it
		LGK Racing Kart - www.lgk.it
3SE1203009S	Starter 12 v 0,30 Kw SX	Motori Seven - www.motoriseven.com
		PCR srl-Severi Racing Kart & C srl - www.pcrnews.com
		GO-Kart Engine 125 cc
3SE1203009S	Starter 12 v 0,30 Kw SX	Bull Power Engines srl - www.bullpower.it
		LM di Sedezzari - www.federkarting.it
		TM Racing - www.tmracing.it

Starter: 12 Volt / 0.25 Kw

3ES0110 FUS

Main application:

Bernard Moteurs - www.bernard-moteurs.com
Cargo ref.111789 - www.hcdk.com
Engine ATW ref. 2883037100 - www.atw-mobil.de
Wajenberg - www.wajenberg.com



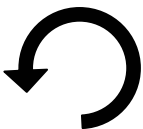
Z	m	Total length	OD	Weight kg
18	1.75	186.5	54	1.32

Starter: 12 Volt / 0.4 Kw

3ES0200 S

Main application:

Engine Selva Marine ref. 8520030 - www.selvamarine.com
Cargo ref. 112161 - www.hcdk.com



Z	m	Total length	OD	Weight kg
18	1.75	186.5	54	1.32

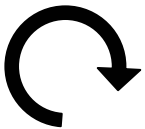
Starter: 12 Volt / 0.4 Kw

3ES0222

Main application:

Engine Hirthmotoren Gobler (D)
www.hirth-engines.de

Limbach Flugmotoren gmbh (D)
www.limflug.de



Z

m

Total length

OD

Weight kg

10

1.814

162

64

1.4

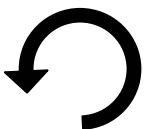
Starter: 12 Volt / 0.4 Kw

3ES0223

Main application:

Engine Hirthmotoren Gobler (D)
www.hirth-engines.de

Limbach Flugmotoren gmbh (D)
www.limflug.de



Z

m

Total length

OD

Weight kg

10

1.814

162

64

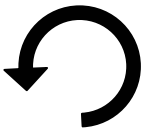
1.4

Starter: 12 Volt / 0.4 Kw

3ES0230 S

Main application:

Engine Selva Marine ref. 8520050 -
www.selvamarine.com



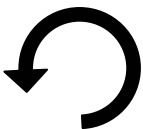
Z	m	Total length	OD	Weight kg
18	1.75	186.5	54	1.32

Starter: 12 Volt / 0.5 Kw

3ES0300/30

Main application:

Engine stationaire Acme Motori -
www.acmemotori.com



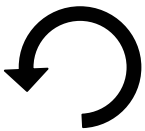
Z	m	Total length	OD	Weight kg
10	2.1166	211	78.5	2.8

Starter: 24 Volt / 0.5 Kw

3ES1040011 Z

Main application:

Engine Eagle Aviation (Usa) -
www.eagleaviationtech.com



Z	m	Total length	OD	Weight kg
10	1.814	162	64	1.4

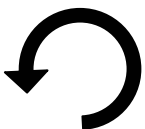
Starter: 12 Volt / 0.4 Kw

3M0101

Main application:

Suitable to Bosch 0.001.160.002
Cargo ref. 110637 - www.hcdk.com
Engine Lombardini ref. 5840130 -
www.lombardinigroup.it

Engine SOLO Vertriebes ref. 2600269
www.solo-germany.com



Z	m	Total length	OD	Weight kg
9	2.5	182	78.5	2.3

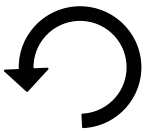
Starter: 12 Volt / 0.4 Kw

3M0101/10

Main application:

Cargo ref. 111645 - www.hcdk.com

Engine Lombardini ref. 0058401300 - www.lombardinigroup.it



Z

m

Total length

OD

Weight kg

9

2.5

182

78.5

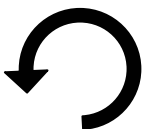
2.3

Starter: 12 Volt / 0.4 Kw

3M0101 D

Main application:

Moto Ducati
350/500 cc Sport - 500 / 900 cc Pantah
www.ducati.com



Z

m

Total length

OD

Weight kg

15

1.5

162.5

78.5

2.1

Starter: 12 Volt / 0.6 Kw

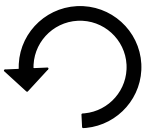
3M0101 PSE

Main application:

Cargo ref. 112250 - www.hcdk.com

Gobler Hirtmotoren ref. 028.10
www.hirth-engines.de

Selva Marine ref. 8520050
www.selvamarine.com



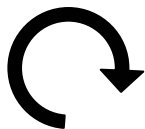
Z	m	Total length	OD	Weight kg
9	2.5	182	78.5	2.3

Starter: 12 Volt / 0.4 Kw

3M0102

Main application:

Suitable Bosch 0.001.160.003



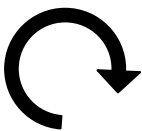
Z	m	Total length	OD	Weight kg
9	2.5	182	78.5	2.3

Starter: 12 Volt / 0.4 Kw

3M0102 LB

Main application:

Moto Laverda 350/500/750 cc SF/1000RGS DX -
www.laverda.it



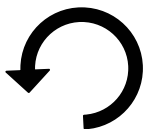
Z	m	Total length	OD	Weight kg
/	/	160.2	78.5	2.3

Starter: 12 Volt / 0.5 Kw

3M01120011 S

Main application:

Simonini Racing Italy - www.simonini-racing.com



Z	m	Total length	OD	Weight kg
11	2.1167	192	78.5	2.6

Starter: 24 Volt / 0.4 Kw

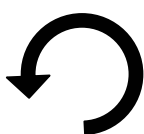
3MA14553

Main application:

Eagle Aviation (USA) www.eagleaviationtech.com

Paraglider Adventure (F) - www.adventure.fr

Ulm Technologie (F) www.ulmtechnologie.com



Z	m	Total length	OD	Weight kg
14	1.75	189.3	54	1.3

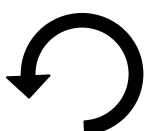
Starter: 12 Volt / 0.4 Kw

3MA14557

Main application:

Compact Radial Engines (CDN)
www.compactradialengines.com

Monako Kart (Italy)
www.coviniengineering.com
www.carbonrace.it



Z	m	Total length	OD	Weight kg
14	1.75	189.3	54	1.3

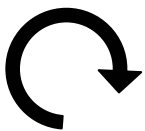
Starter: 12 Volt / 0.4 Kw

3MA14558

Main application:

Compact Radial Engines (CDN)
www.compactradialengines.com

Italsistem Italy - www.italsistem.com



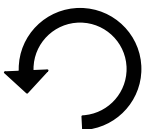
Z	m	Total length	OD	Weight kg
14	1.75	189.3	54	1.3

Starter: 12 Volt / 0.4 Kw

3MA16557

Main application:

Vittorazi Racing Italy - www.vittorazi.it



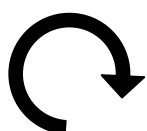
Z	m	Total length	OD	Weight kg
16	1.75	189.3	54	1.3

Starter: 12 Volt / 0.4 Kw

3MA16558 S

Main application:

Simonini Racing Italy
www.simonini-racing.com



Z	m	Total length	OD	Weight kg
16	1.75	189.3	54	1.3

Starter: 12 Volt / 0.25 Kw

3MG14552

Main application:

Fly Castelluccio (I) - www.flycastelluccio.it
Fly Product (I) - www.flyproducts.com
LM Sedezzari (I) - www.federkarting.it
Paraavis Russia - www.paraavis.com
Tennessee Propellers (USA) - www.tn-prop.com
Ulm Technologie (F) www.ulmtechnologie.com
Victor Prochazka Walkerjet (CS) www.walkerjet.cz



Z	m	Total length	OD	Weight kg
14	1.75	149.5	50 / 51	0.8

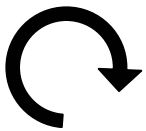
Starter: 12 Volt / 0.25 Kw

3MG14552 J

Main application:

[JPX Italy - www.jpexitalia.com](http://www.jpexitalia.com)

Cors Air M25Y



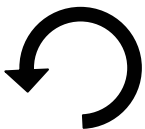
Z	m	Total length	OD	Weight kg
14	1.75	149.5	50 / 51	0.8

Starter: 12 Volt / 0.25 Kw

3MG14553

Main application:

[WTP spa Italy - www.wtpengine.com](http://www.wtpengine.com)



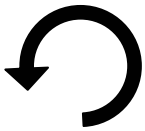
Z	m	Total length	OD	Weight kg
14	1.75	149.5	50 / 51	0.8

Starter: 12 Volt / 0.25 Kw

3MG14555

Main application:

Kart Moto di Valerio Benetti Italy
www.motorvalley.it



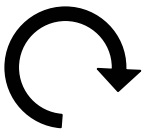
Z	m	Total length	OD	Weight kg
14	1.75	149.5	50 / 51	0.8

Starter: 12 Volt / 0.25 Kw

3MG14556

Main application:

PARAJET LTD (GB) www.parajet.com



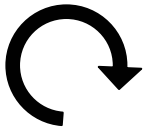
Z	m	Total length	OD	Weight kg
14	1.75	149.5	50 / 51	0.8

Starter: 12 Volt / 0.20 Kw

3MG16020

Main application:

Aprilia AF150ET Tuareg 50 (I) - www.aprilia.com
Franco Morini (I) - www.morinimotori.com
Fresh Breeze Muller (D) - www.freshbreeze.com
Malaguti Dribbling (I) - www.malaguti.com



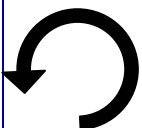
Z	m	Total length	OD	Weight kg
16	1.75	143	50 / 51	0.8

Starter: 12 Volt / 0.20 Kw

3MG16021

Main application:

Derbi (E) - www.derbi.com
Franco Morini (I) - www.morinimotori.com
Motore Minarelli (I) - www.motorvalley.it
Palmirani (I) - www.palmirani.com
Ramzey Cyclomotor TR- www.ramzeymoped.com



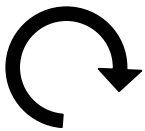
Z	m	Total length	OD	Weight kg
16	1.75	143	50 / 51	0.8

Starter: 12 Volt / 0.25 Kw

3MG16022

Main application:

Fresh Breeze Muller (D) - www.freshbreeze.com



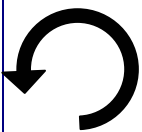
Z	m	Total length	OD	Weight kg
16	1.75	143	50 / 51	0.8

Starter: 12 Volt / 0.20 Kw

3MG16023

Main application:

Fresh Breeze Muller (D) - www.freshbreeze.com



Z	m	Total length	OD	Weight kg
16	1.75	143	50 / 51	0.8

Starter: 12 Volt / 0.20 Kw

3MG16150

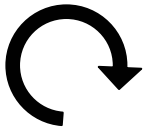
Main application:

Bikespares LTD (GB)

www.bike-spares.co.uk / www.vtwinshop.co.uk

Derbi Gpr (E) 00H03910201 - www.derbi.com

H@kker S.Motard 50cc



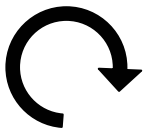
Z	m	Total length	OD	Weight kg
16	1.75	149.6	50 / 51	0.8

Starter: 12 Volt / 0.20 Kw

3MG16550

Main application:

Alberto Carvalho Araujo Portugal



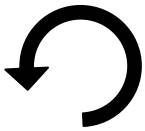
Z	m	Total length	OD	Weight kg
16	1.75	149.5	50 / 51	0.8

Starter: 12 Volt / 0.20 Kw

3MG16551

Main application:

Marcmotor - www.marcmotor.com
Ramzey Cyclomotor TR- www.ramzeymoped.com
ROS Motors di Rossetti - www.rosmotor.it
SICAB Tunis - www.tunisianindustry.nat.tn
Vittorazzi Racing Motors - www.vittorazi.it



Z

m

Total length

OD

Weight kg

16

1.75

149.5

50 / 51

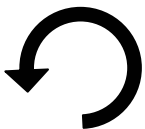
0.8

Starter: 12 Volt / 0.20 Kw

3MG16551 S

Main application:

Cyclomotor SIMSON Motorrad GmbH
West Germany



Z

m

Total length

OD

Weight kg

16

1.75

149.5

50 / 51

0.8

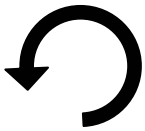
Starter: 12 Volt / 0.20 Kw

3MG16551 Z

Main application:

Cyclomotor Zanella Argentina

Ramsey Turkey Cyclomotor -
www.ramzeymoped.co



Z	m	Total length	OD	Weight kg
16	1.75	149.5	50 / 51	0.8

Starter: 12 Volt / 0.25 Kw

3MG16552

Main application:

Ivoprop - www.ivoprop.com

M & B Precision - www.mbpprecision.co.uk

OU Propeller - www.propeller.ee

Paraglider Adventure DEM31 - www.adventure.fr

Radne Motor Sweden - www.radne.se

Solo 210 Nenoah 250 - www.solo-germany.com

Spin Paramotors - www.skyfly.cz/spin

ULM technologie - www.ulmtechnologie.com



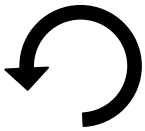
Z	m	Total length	OD	Weight kg
16	1.75	149.5	50 / 51	0.8

Starter: 12 Volt / 0.25 Kw

3MG16553

Main application:

Carbon Race Italy - www.carbonrace.it
 DINO A/S Denmark - www.dino.dk
 JSK Paramotor - web.telecom.cz/jsk/
 Monaco Kart Italy - www.coviniengineering.com/
www.carbonrace.it
 Motori Seven Italy - www.motoriseven.com
 Team Tiercelin - www.teamtiercelin.fr
 Ulm Technologie FR - www.ulmtechnologie.com
 Victor Prochazka Walkerjet CS - www.walkerjet.cz
 Vittorazzi Motors - www.vittorazi.it
 WTP Italy - www.wtpengine.com



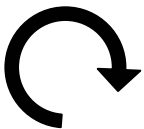
Z	m	Total length	OD	Weight kg
16	1.75	149.5	50 / 51	0.8

Starter: 12 Volt / 0.25 Kw

3MG16556

Main application:

Cobra International T - www.cobramotorsport.com
 Fly Castelluccio - www.flycastelluccio.i
 Fly Product - www.flyproducts.com
 Motoroma - www.motoroma.prv.pl
 Paraglider Adventure - www.adventure.fr
 Parajet ltd - www.parajet.com
 Power 2FLY - www.power2fly.com
 SIMONINI Racing - www.simonini-racing.com



Z	m	Total length	OD	Weight kg
16	1.75	149.5	50 / 51	0.8

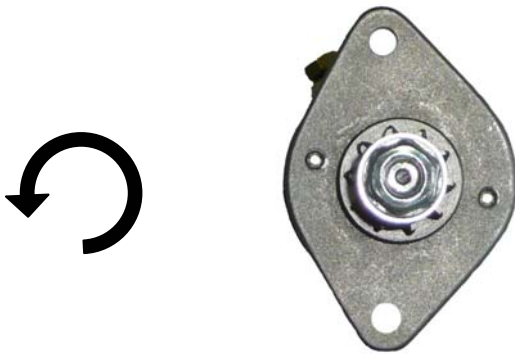
Starter: 12 Volt / 0.3 Kw

3PN0001

Main application:

Lombardini ACME Engine Italy ref. 00563A1020 - www.lombardinigroup.it

Cargo ref. 112339 - www.hcdk.com CP.591004.C



Z	m	Total length	OD	Weight kg
10	1.8142	180.5	55	1.35

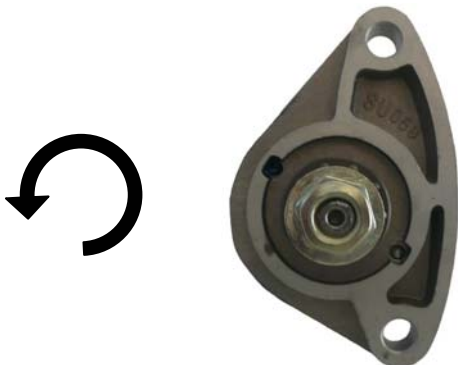
Starter: 12 Volt / 0.3 Kw

3PN0001/3

Main application:

Lombardini ACME Engine Italy ref. 05840119 - www.lombardinigroup.it

Cargo ref. 111646 - www.hcdk.com



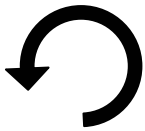
Z	m	Total length	OD	Weight kg
10	1.8142	180.5	55	1.35

Starter: 12 Volt / 0.3 Kw

3PN0001/4

Main application:

Lombardini ACME Engine Italy ref. 58.40.077 -
www.lombardinigroup.it



Z	m	Total length	OD	Weight kg
12	1.8142	180.5	55	1.35

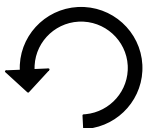
Starter: 12 Volt / 0.3 Kw

3PN0001A/2

Main application:

Lombardini ACME Engine Italy ref. 05840188 -
www.lombardinigroup.it

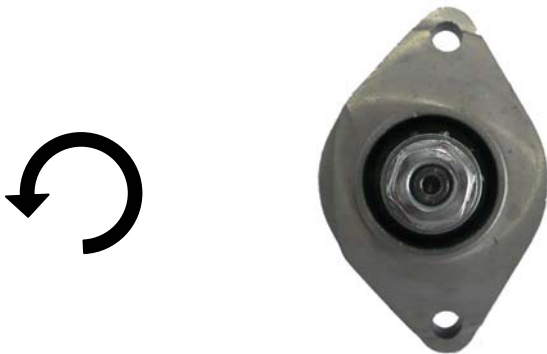
Acme ref. 563112-300 - www.acmemotori.com



Z	m	Total length	OD	Weight kg
10	1.8142	180.5	55	1.35

Starter: 12 Volt / 0.3 Kw
3PN0001ACME

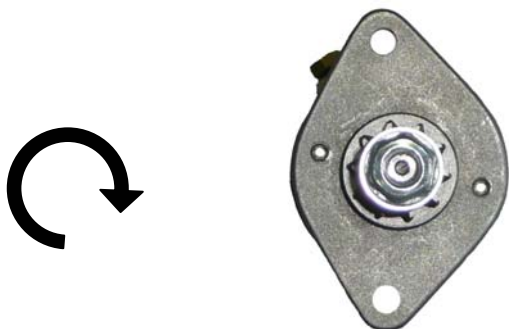
Main application:
Lombardini ACME Engine Italy ref. 563109
Acme ref. 563109-300 - www.acmemotori.com



Z	m	Total length	OD	Weight kg
10	1.8142	180.5	55	1.35

Starter: 12 Volt / 0.3 Kw
3PN0001 H

Main application:
Eurofrigo (Italy) - www.eurofrigo.it
W.F.M. (Italy) - www.wfm.it



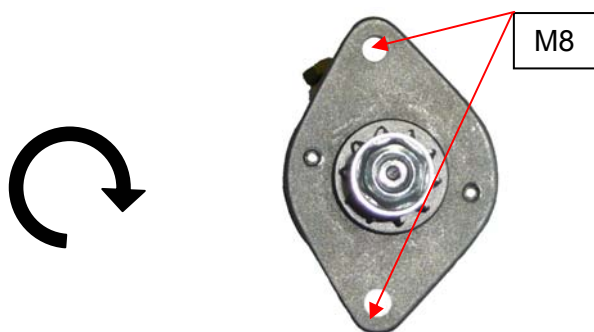
Z	m	Total length	OD	Weight kg
10	1.8142	180.5	55	1.35

Starter: 12 Volt / 0.3 Kw

3PN0001 HT

Main application:

Eurofrigo (Italy) - www.eurofrigo.it



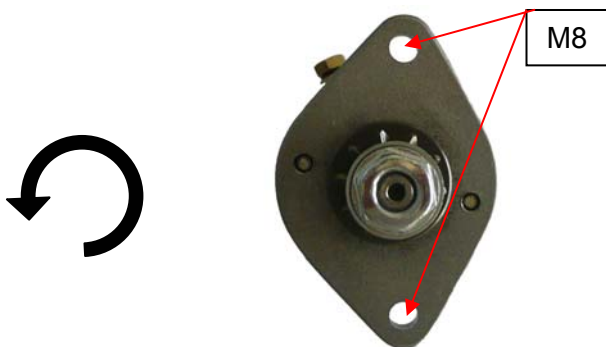
Z	m	Total length	OD	Weight kg
10	1.8142	180.5	55	1.35

Starter: 12 Volt / 0.3 Kw

3PN0001T/02

Main application:

Telair - www.telecogroup.com



Z	m	Total length	OD	Weight kg
10	1.8142	180.5	55	1.35

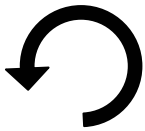
Starter: 12 Volt / 0.3 Kw

3PN0001 W

Main application:

Engine Honda application Dometic WTA Italy

Engine for Camper - www.dometic.com



Z	m	Total length	OD	Weight kg
10	1.8142	180.5	55	1.35

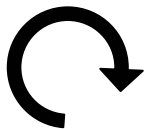
Starter: 12 Volt / 0.3 Kw

3PN1020020 W

Main application:

Engine Honda application Dometic WTA Italy

Engine for Camper - www.dometic.com



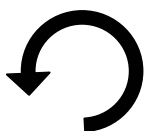
Z	m	Total length	OD	Weight kg
10	1.8142	180.5	55	1.35

Starter: 24 Volt / 0.3 Kw

3PN1040011 T

Main application:

Teknova - IP Cleaning - www.ipcleaning.com



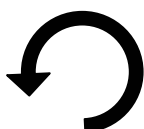
Z	m	Total length	OD	Weight kg
10	1.8142	180.5	55	1.35

Starter: 12 Volt / 0.3 Kw

3SE1203009 D/GP

Main application:

GO-Kart Engine 125 cc
Suitable to Mitsuba SM5289
Bull Power Engines srl - www.bullpower.it
C.R.S. srl - www.crsmotori.com
Kart Moto di Valerio Benetti - www.motorvalley.it
Lecco Karting - www.leccokarting.it
LGK Racing Kart - www.lgk.it
Motori Seven - www.motoriseven.com
PCR srl-Severi Racing Kart & C srl - www.pcrnews.com



Z	m	Total length	OD	Weight kg
14	1.75	103 + 74	54	1.35

Starter: 12 Volt / 0.3 Kw

3SE1203009 S/GP

Main application:

GO-Kart Engine 125 cc

Bull Power Engines srl - www.bullpower.it

LM di Sedezzari - www.federkarting.it

TM Racing - www.tmracing.it



Z	m	Total length	OD	Weight kg
14	1.75	103 + 74	54	1.35

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