

Warning: out of scale drawing - It may not exactly represent the product. The exact dimensions can be drawn from the 2D drawing or the 3D model to download.

DELPHI 100LB-4 / kW 3 / Hz 50 230/400V / B3/B14 /

Date: 17/08/2021 16:37

www.motive.it/configuratore.php

Scale: Out

This drawing is property of MOTIVE s.r.l.



Motive s.r.l.
Via Le Ghiselle, 20
25014 Castenedolo(BS) Italy
Tel. +39 030 2677087
Web: www.motive.it



Motive s.r.l.
Via Le Ghiselle, 20
25014 Castenedolo (BS), Italy
Tel: +39 030 2677087
Fax: +39 030 2677125
motive@motive.com
www.motive.it

DATA-SHEET

PRODUCT DESCRIPTION

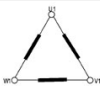
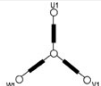
DIAS



Manufacturer	Motive s.r.l.
Motor Type	DELPHI 100LB-4
Motor code	100LB-4B34IE3
Version	standard
# poles:	4
Configuration	B3/B14

Max. Altitude	1000 m a.s.l.
Temp. Rise ΔT	46 °C
Features	Aluminum motor
Tropicalized winding (standard)	
Weight	40 Kg
Packing type	carton
Packing dimensions WxHxD mm	420x255x320
Efficiency class	IE3

Load data	100%	75%	50%
Efficiency $\eta\%$ at 50Hz	89	89.40	86.80
Power factor $\cos\phi$	0.75	0.65	0.52

Hz	50	
Connection		
Volt	230V	400V
Power	3 kW	
	4 Hp	
Speed	1447 rpm	
rated torque Cn	19.76 Nm	
Rated current In	11.27 A	6.48 A
Starting Current Is	86.12 A	49.52 A
Starting Torque Cs	69.03 Nm	
Max. Torque Cmax	77.85 Nm	

Sound pressure level (Lwa)	64 [dB]
Rotor Inertia	0.00893 Kg m^2
Bearing DE	6206 ZZ
Bearing NDE	6206 ZZ

Protection	IP 55
Is/In	7.60
Cs/Cn	3.50
Cmax/Cn	3.90



curva coppia/assorbimento

08/09/2017

torque and current curve

Tipo motore : 100LB-4 IE3

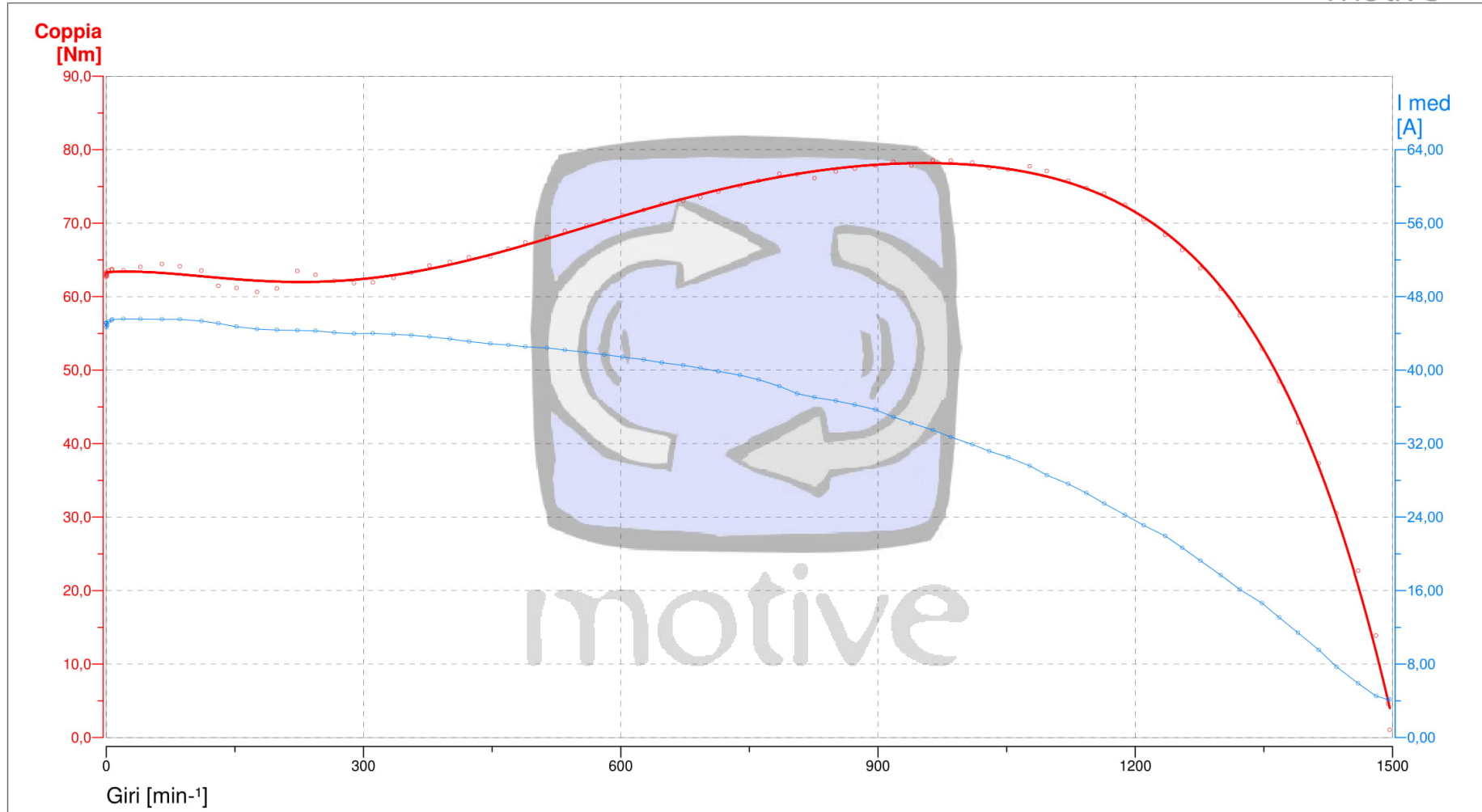
V Nom. [V] : 400

Frequenza [Hz] : 50

P Nom.[KW] : 3

Giri [min⁻¹] : 1447

File Prova :



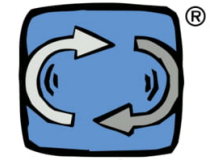
Note :



rendimento

08/09/2017

efficiency



motive

Tipo motore : 100LB-4 IE3

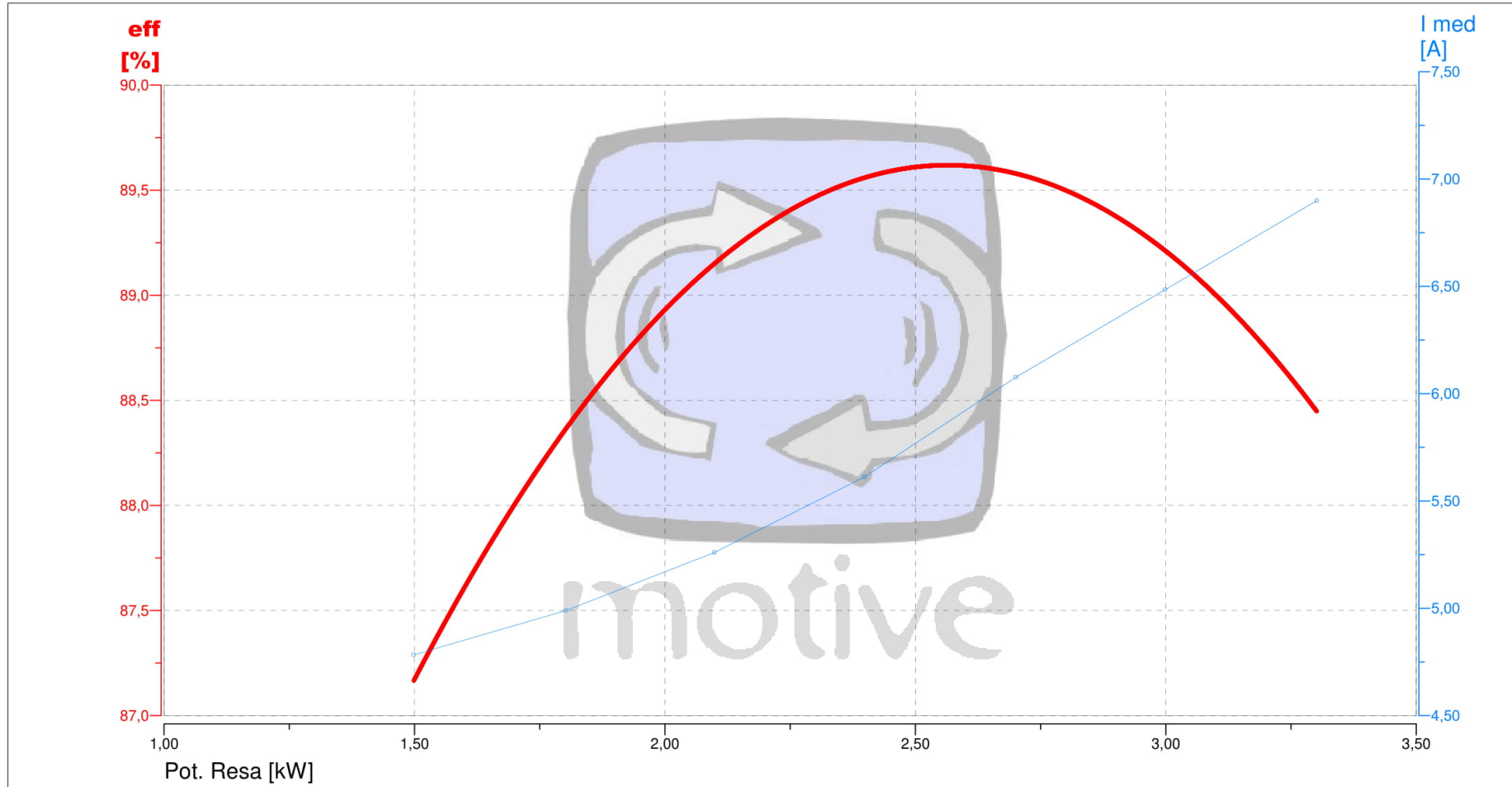
V Nom. [V] : 400

Frequenza [Hz] : 50

P Nom.[KW] : 3

Giri [min-1] : 1447

File Prova :



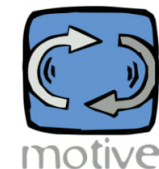
Note :



riscaldamento

heating

08/09/2017



Tipo motore : 100LB-4 IE3

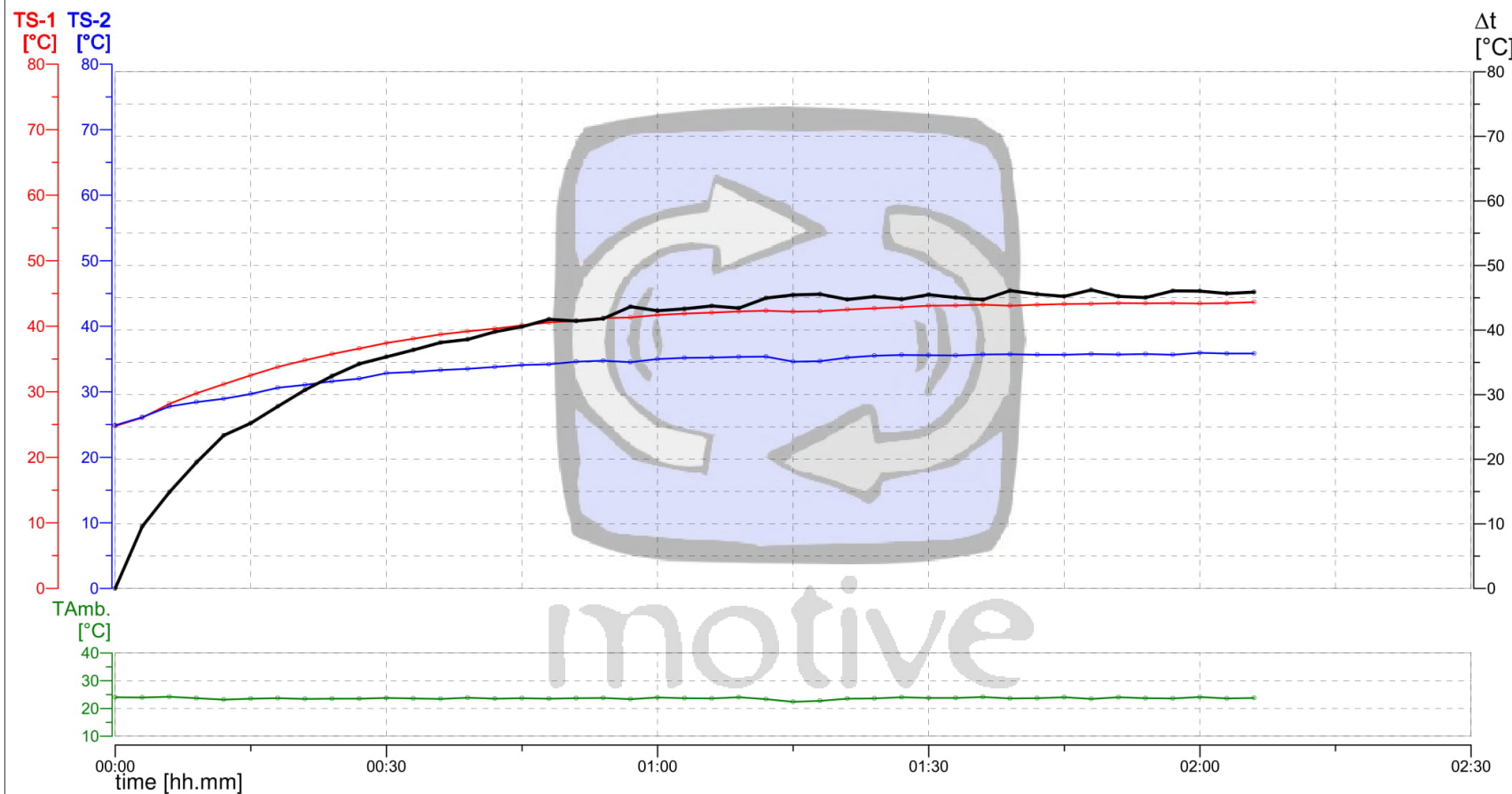
V Nom. [V] : 400

Frequenza [Hz] : 50

P Nom.[KW] : 3

Giri [min-1] : 1447

File Prova :



Note :





motive

Motive s.r.l.
Via Le Ghiselle, 20
25014 Castenedolo (BS)
Tel.: +39 030 2677 087
Fax: +39 030 2677 125
motive@e-motive.it



Conformity Declaration

Motive s.r.l. whose Head Office is situated in Castenedolo (BS) - Italy

declares, under its own exclusive responsibility,

that its whole range of

asynchronous electric motors of the series "Delphi" and "DELFIRE"

is conform to the following international norms (last issue):

- EN60034-1** Rotating Electrical Machines - Part 1: Rating and performance
- EN60034-6** Rotating Electrical Machines - Part 6: Methods of cooling (IC code)
- EN60034-7** Rotating Electrical Machines - Part 7: Classification of Types of Construction, Mounting Arrangements and Terminal Box Position (IMCode)
- EN60034-8** Rotating electrical machines – Part 8: Terminal markings and direction of rotation
- EN60034-25** Rotating electrical machines - Part 25: Guidance for the design and performance of a.c. motors specifically designed for converter supply
- EN60034-2-1** Rotating electrical machines. Standard methods for determining losses and efficiency from tests
- EN60034-30-1** Rotating electrical machines - Part 30: Efficiency classes of single-speed, three-phase, cage-induction motors
- EN50347** General purpose three-phase induction motors having standard dimensions and outputs. Frame numbers 56 to 315 and flange numbers 65 to 740
- EN61000-6-4** Electromagnetic compatibility (EMC) - Part 6: Generic standards - Section 4: Emission standard for industrial environments
- IEC 72-1** Dimensions and output series for rotating electrical machines Part 1: Frame numbers 56 to 400 and flange numbers 55 to 1080

following the provisions of the Directives

Low Voltage (LVD) 14/35/EEC,
EMC Electromagnetic Compatibility (EMC) 14/30/EEC
Eco-design Directive for Energy-related Products (ErP) 09/125/EEC

1 January 2016

The Legal Representative: *Giorgia Bosio*

N. REA 422301
Cod. Fisc. e P. IVA 03580280174



Milan, September 30, 2008

Attention to Company

Motive S.r.l.
Via Artigianale, 110/112
25010 Montirone (BS) - ITALY

Dear Mr Giorgio Bosio,

Herewith I confirm that Motive's laboratory, evaluated according to the requirements of standard IEC/ISO 17025, is found in compliance with main requirements of the above mentioned standard. The following motors were tested according to standard IEC 60034-2 with supervision of IMQ qualified personnel.

Model designation rated power (kW)

90L-4 Eff1	1,5
100LB-4 Eff1	3
112M-4 Eff1	4
132M-4 Eff1	7,5
90L-2 Eff1	2,2
112M-2 Eff1	4
132SB-2 Eff1	7,5
112M-6 Eff1	2,2
132S-6 Eff1	3
100LA-8 Eff1	0,75
132M-8 Eff1	3

With Regards


Igor Blassi
Household Appliances Laboratory Manager
Tel. (+39) 025073484
igor.blassi@imq.it

IMQ S.p.A.
Via Quintilano 43
20138 Milano
Tel. (+39) 0250731
www.imq.it - info@imq.it



TYPE APPROVAL CERTIFICATE


N. ELE391318CS001

This is to certify that the product below is found to be in compliance with the applicable requirements of the RINA Type Approval system.

Description	Asynchronous three-phases electric motors
Type	DELPHI Series
Applicant	Motive S.r.l. Via Le Ghiselle, 20 25014 Castenedolo (BS) Italy
Manufacturing Place	Motive S.r.l. Via Le Ghiselle, 20 25014 Castenedolo (BS) Italy
Testing Standards	RINA Rules for the Classification of Ships - Part C, Ch.2, Sec. 4

Issued in Genova on January 21, 2019

This certificate is valid until January 21, 2024



RINA Services S.p.A.





ЕВРАЗИЙСКИЙ ЭКОНОМИЧЕСКИЙ СОЮЗ
ДЕКЛАРАЦИЯ О СООТВЕТСТВИИ



Заявитель Общество с ограниченной ответственностью "ПРИВОД ГРАНД РЕДУКТОР"

Место нахождения и адрес места осуществления деятельности: Российская Федерация, Смоленская область, 214004, город Смоленск, улица Багратиона, дом 4, офис 46, основной государственный регистрационный номер: 1166733076608, номер телефона: +79203158381, адрес электронной почты: privodgrand@gmail.com

в лице Директора Шелеста Александра Иосифовича

заявляет, что Электродвигатели (мотор-редукторы) асинхронные трехфазные общепромышленного назначения, рабочее напряжение 220/380В. Модели по приложению № 1, количество листов: 2

изготовитель "Motive srl". Место нахождения и адрес места осуществления деятельности по изготовлению продукции: Via Le Ghiselle, 20 25014 Castenedolo (BS), Италия.

Продукция изготовлена в соответствии с Директивой 2014/35/EU "Низковольтное оборудование". Код ТН ВЭД ЕАЭС 8501. Серийный выпуск

соответствует требованиям

ТР ТС 004/2011 "О безопасности низковольтного оборудования", утвержден Решением Комиссии Таможенного союза от 16 августа 2011 года № 768

Декларация о соответствии принята на основании

Протокола испытаний № 199-04/2020 от 14.04.2020 года, выданного Испытательной лабораторией Общество с ограниченной ответственностью Инновационный центр «Колибри», аттестат аккредитации РОСС RU.31857.04ИЛС0.00063, сроком действия до 17.06.2022 года.

Схема декларирования 1д

Дополнительная информация

ГОСТ 16264.1-2016 Двигатели асинхронные. Часть 1. Общие технические условия. Срок хранения (службы, годности) указан в прилагаемой к продукции товаросопроводительной и/или эксплуатационной документации.

Декларация о соответствии действительна с даты регистрации по 13.04.2025 включительно

(подпись)

М.П.

Шелест Александр Иосифович

(Ф.И.О. заявителя)

Регистрационный номер декларации о соответствии: ЕАЭС N RU Д-IT.HX37.B.02083/20

Дата регистрации декларации о соответствии: 14.04.2020

KINGDOM OF SAUDI ARABIA

Product Conformity Programme

Statement for Registration

PCP Ref.no: KSA R-205239

Issued to:

Motive Srl
Via Artigianale 110/112
25010 Montirone (BS)
Italy

Product:

II-06 MOTORS Incl. GEARED MOTORS/DRIVES

Model/Type:

See appendix (1 page/s)

Applicable standards/references:

IEC 60034, IEC 72

Issued by:

Regional Licensing Centre
Europe, Middle East and Africa
Intertek Semko AB
06 November 2009


Pia Østgaard
Manager

Intertek

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