CORPORATE &PRODUCTS

MOTOVARIO®
HEART OF MOTION
a TECO Group company

MOTOVARIO *TIMELINE*

1965
年成立
FOUNDATION

1966
电机变速器
Variators

1987
涡轮蜗杆减速机
Worm gear reducers

1988
斜齿轮减速机 – 螺旋伞齿轮减速机
Helical and Helical bevel

1992
NMRV
NMRV

1996
在成立首家分公司:
Motovario Scandinavia A/S, 丹麦
The first subsidiary:
Motovario Scandinavia A/S, Denmark

1997
3 子公司
Motovario Corporation, 亚特兰大 – 美国
Motovario GmbH,有限公司，德国
Motovario SA, 法国
3 subsidiaries:
Motovario Corporation, Atlanta - USA
Motovario GmbH, Germany
Motovario SA, France

1997
电机
Three phase asyncronous electric motors

DRIVING INDUSTRIES

1999

收购 Spaggiari Trasmissioni®
Motovario Limited, 英国
Acquisition Spaggiari Trasmissioni®
Motovario Limited, UK

2001

Motovario SAU, 西班牙
Motovario SAU, Spain

2004

Motovario International Trading, 中国
Motovario International Trading, China

2006

此公司由意大利私募股权公司 Synergo SGR 收购
Acquisition by the Italian private equity fund Synergo SGR

2010

积分
DR Drives
DR Drives Integration

2011

Motovario Gear Solutions Private Limited, 印度
Motovario Gear Solutions Private Limited, India

2014

收购 Pujol
Acquisition Pujol

收购事项 TECO
Acquisition by TECO

1999

H-B-S
H-B-S

2010

NMRV POWER
NMRV POWER

2013

NMRX-SWX-SWFX
NMRX-SWX-SWFX

2014

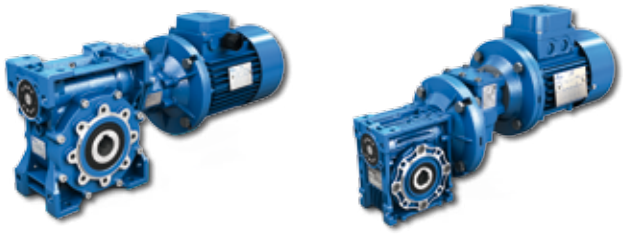
DRIVON
Drivon

VSF SERIES

NMRV POWER

涡轮蜗杆减速电机及减速机
Worm geared motors and gear reducers

型号 / *Sizes*:	063-075-090-110
M_{N2} (n_1 = 1400 rpm) 额定扭矩 / *Nominal Torque*	725 Nm
变速比 / *Ratio*:	7,5 ÷ 100
功率 / *Power*:	最高达 / *up to* 12 kW
认证 / *Certifications*:	ATEX 2GD/3GD



NMRV POWER®- HW
NMRV + HA31

斜齿轮涡轮蜗杆减速电机及减速机
Helical worm geared motors and gear reducers

型号 / *Sizes*:	040-050-063-075 090-110
M_{N2} (n_1 = 1400 rpm) 额定扭矩 / *Nominal Torque*	1.189 Nm
变速比 / *Ratio*:	22,1 ÷ 1.083
功率 / *Power*:	最高达 / *up to* 1,85 kW
认证 / *Certifications*:	ATEX 2GD/3GD

NMRV®

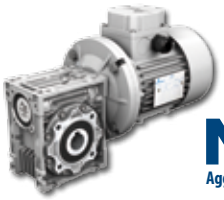
涡轮蜗杆减速电机及减速机
Worm geared motors and gear reducers

型号 / *Sizes*:	025-030-040-050 130-150
M_{N2} (n_1 = 1400 rpm) 额定扭矩 / *Nominal Torque*	1.550 Nm
变速比 / *Ratio*:	5 ÷ 100
功率 / *Power*:	最高达 / *up to* 15 kW
认证 / *Certifications*:	ATEX 2GD/3GD

SW

涡轮蜗杆减速电机及减速机
Worm geared motors and gear reducers

型号 / *Sizes*:	030-040-050-063-075 090-105
M_{N2} (n_1 = 1400 rpm) 额定扭矩 / *Nominal Torque*	630 Nm
变速比 / *Ratio*:	5 ÷ 100
功率 / *Power*:	最高达 / *up to* 11 kW



NMRX Aggressive Environments

涡轮蜗杆减速机
Worm geared motors

型号 / *Sizes*:	040 - 050 063 - 075 - 090
M_{N2} (n_1 = 1400 rpm) 额定 扭矩 / *Nominal Torque*	396 Nm
变速比 / *Ratio*:	5 ÷ 100
功率 / *Power*:	最高达 / *up to* 4,8 kW

SWX Clean Environments

涡轮蜗杆减速机
Worm geared motors

型号 / *Sizes*:	030 - 040 050 - 063 - 075 090 - 105
M_{N2} (n_1 = 1400 rpm) 额定 扭矩 / *Nominal Torque*	660 Nm
变速比 / *Ratio*:	5 ÷ 100
功率 / *Power*:	最高达 / *up to* 4,8 kW

SWFX Food Environments

涡轮蜗杆减速机
Worm geared motors

型号 / *Sizes*:	030 - 040 050 - 063 - 075 090 - 105
M_{N2} (n_1 = 1400 rpm) 额定 扭矩 / *Nominal Torque*	660 Nm
变速比 / *Ratio*:	5 ÷ 100
功率 / *Power*:	最高达 / *up to* 4,8 kW

H SERIES

H-CH-IH

铝 *aluminum*

同轴减速电机及减速机
Helical geared motors and gear reducers

型号 / *Sizes*:	A30-A40-A50-A60
M_{N2} (n_1 = 1400 rpm) 额定扭矩 / *Nominal Torque*	500 Nm
变速比 / *Ratio*:	1,33 ÷ 353,98
功率 / *Power*:	最高达 / *up to* 4,8 kW
认证 / *Certifications*:	ATEX 3GD

H-PH-CH-IH

铸铁 *cast iron*

同轴减速电机和减速机
Helical geared motors and gear reducers

型号 / *Sizes*:	030-040-050-060-080-100-125-140
M_{N2} (n_1 = 1400 rpm) 额定扭矩 / *Nominal Torque*	8.000 Nm
变速比 / *Ratio*:	1,23 ÷ 282,1
功率 / *Power:*	最高达 / *up to* 45 kW
认证 / *Certifications:*	ATEX 2GD/3GD

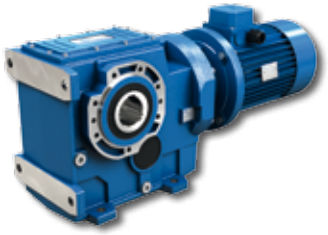
B SERIES

B-CB-IB

铝 *aluminum*

螺旋伞齿轮减速电机及减速机
Helical bevel geared motors and gear reducers

型号 / *Sizes*:	A40-A50-A60
M_{N2} (n_1 = 1400 rpm) 额定 扭矩 *Nominal Torque*	450 Nm
变速比 / *Ratio*:	7,62 ÷ 442,76
功率 / *Power*:	最高达 / *up to* 4,8 kW
认证 *Certifications*:	ATEX 3GD



B-PB-CB-IB

铸铁 *cast iron*

螺旋伞齿轮减速电机及减速机
Helical bevel geared motors and gear reducers

型号 / *Sizes*:	060-080-100 125-140-150-160
M_{N2} (n_1 = 1400 rpm) 额定 扭矩 *Nominal Torque*	13.000 Nm
变速比 / *Ratio*:	5,71 ÷ 187,24
功率 / *Power*:	最高达 / *up to* 90 kW
认证 *Certifications*:	ATEX 2GD/3GD

S SERIES NEW

S-PS-CS-IS

铸铁 *cast iron*

平行轴减速电机及减速机
Shaft mounted geared motors and gear reducers

型号 / *Sizes*:	050-060-080 100-125-140-150
M_{N2} (n_1 = 1400 rpm) 额定 扭矩 *Nominal Torque*	9500 Nm
变速比 / *Ratio*:	4,06 ÷ 394,69
功率 / *Power*:	最高达 / *up to* 45 kW
认证 *Certifications*:	ATEX 2GD/3GD (型号不大于 125/*up to size 125*) ATEX3GD (要求针对型号 140-150/*on request for sizes 140-150*)

PBH SERIES NEW

PBH

铸铁 *cast iron*

平行轴和正交轴减速电机和减速机
Parallel helical and Bevel helical geared motors and gear reducers

型号 / *Sizes*:	180 - 200 - 225 - 250 280 - 320 - 355
减速级别 *Reduction Stages:*	1 - 4 (平行轴/*Parallel*) 2 - 4 (正交轴/*Bevel*)
M_{N2} (n_1 = 1400 rpm) 额定扭矩 / *Nominal Torque*	78.000 Nm
变速比 / *Ratio*:	1,25 ÷ 760
认证 / *Certifications*:	ATEX 3GD 根据客户需求 / *On request*

VAR SERIES

TXF 铝 *aluminum*

变速电机
Motovariators

型号 / *Sizes*:	002-005-010
M_{N2}(n_1 = 1400 rpm) 额定扭矩 / *Nominal Torque*	12 Nm
变速比 / *Ratio*:	109 ÷2.000
功率 / *Power*:	最高达 / *up to* 2,2 kW

VHA 铝 *aluminum*

无极调速减速电机
Motovariator-gear reducers

型号 / *Sizes*:	TXF+A30-A40 A50-A60
M_{N2} (n_1 = 1400 rpm) 额定扭矩 / *Nominal Torque*	480 Nm
变速比 / *Ratio*:	0,8 ÷1.500
功率 / *Power*:	最高达 / *up to* 2,2 kW

S 铸铁 铸铁 *cast iron*

变速电机
Motovariators

型号 / *Sizes*:	003-005-010-020 030-050-100
M_{N2} (n_1 = 1400 rpm) 额定扭矩 / *Nominal Torque*	144 Nm
变速比 / *Ratio*:	122 ÷2.000
功率 / *Power*:	最高达 / *up to* 9,2 kW
认证 / *Certifications*:	ATEX 2GD/3GD

VH 铸铁 铸铁 *cast iron*

无极调速减速电机
Motovariator-gear reducers

型号 / *Sizes*:	S+030-040-050 060-080-100-120
M_{N2} (n_1 = 1400 rpm) 额定扭矩 / *Nominal Torque*	5.000 Nm
变速比 / *Ratio*:	0,6 ÷1.541,7
功率 / *Power*:	最高达 / *up to* 9,2 kW
认证 / *Certifications*:	ATEX 2GD/3GD

M SERIES **NEW**

新系列 IE3/New IE3 range
TS-TH-TP-TBS-TBH-TBP-D-DB-S-HSE

电机
Electric motors

型号 / *Sizes*:	056 ÷ 280
极 / *Poles*:	2-4-6-8
功率 / *Power*:	最高达 / *up to* 90 kW
效率 / *Efficiency*: (仅 / *only* T-TB)	IE1 最高达 / *up to* 0,55 kW IE2 - 从 / *from* 0,75 kW 最高达 / *up to* 5,5 kW IE3 - 从 / *from* 0,75 kW 最高达 / *up to* 90 kW

D SERIES

drivon®

变频变速机
Inverter motors

类型 / Type	DRIVON 230V 1PH/3PH	DRIVON 400V 3PH
电源范围 / *Power supply range*	(200÷260)V / 50-60Hz	(360÷480)V / 50-60Hz
电机型号 / *Motor sizes*	071 ÷ 090	071 ÷ 132
功率范围 / *Power range* [kW]	0,25 ÷ 1,5	0,25 ÷ 5,5
速度范围 / *Speed range*	0 ÷ 2500 rpm	0 ÷ 3000 rpm
集成现场总线 / *Integrated fieldbus*	CANopen - Modbus	CANopen - Modbus

MOTOVARIO®
HEART OF MOTION
a TECO Group company

C&P/2016/REV.2/CN-EN rscadv.it

SUBSIDIARIES

Germany
France
Spain
United Kingdom
USA
China
India

MAC™
MOTOVARIO ASSEMBLY CENTRE

Italy
Australia
Benelux
Bulgaria
China
Finland
France
India
Israel
Lithuania
Netherlands
Poland
Portugal
South Korea
Spain
Sweden
Turkey
United KIngdom
Ukraine
USA

Motovario spa
Via Quattro Passi 1/3 - 41043 Formigine (MO) - Italy - Tel. +39 059 579700 - Fax +39 059 579710
info@motovario.it - www.motovario.com