

14 Address directory SEW-EURODRIVE**Algeria**

Sales	Algiers	REDUCOM Sarl 16, rue des Frères Zagnoune Bellevue 16200 El Harrach Alger	Tel. +213 21 8214-91 Fax +213 21 8222-84 http://www.reducom-dz.com info@reducom-dz.com
-------	---------	---	--

Index

A

Abbreviation Key	44
Adapter	15
Adapter for mounting of	
IEC motors	146
NEMA motors	149
Servomotors	151
Additional documentation	9
Additional documentation for	
Project Planning for Drives	44
Agitator drive	
Strength class of the screws	154
Agitator gear unit	22

B

Backstop	15
Bearing greases	109
Brakemotors	14
Breather valve	127, 179
Compound gear unit	62
Breather valve in motor flange	64

C

Centering shoulder	15
Certification	14
Changing the mounting position	64
Churning losses	49
Combination options	175
Combinations, possible	
Helical gearmotors	184
Helical-bevel gearmotors	526
Helical-worm gearmotors	715
Parallel-shaft helical gearmotors	366
SPIROPLAN® gearmotors	823
Structure of the tables	175
Compound gear unit	
Breather valve	62
Oil drain plug	62
Oil level plug	62
Screw plug bore	62
Condition monitoring	25
DUO 10A	20
Oil aging sensor	20
Vibration SmartCheck	20

Copyright notice	10
------------------------	----

D

Designs	
Helical gearmotors	33, 182
Helical-bevel gearmotors	36, 37, 38
Helical-worm gearmotors	40, 713
Parallel-shaft helical gearmotors	34, 363
SPIROPLAN® gearmotors	41, 821
Designs, possible	
SPIROPLAN® gear units	13
Diagnostic unit	
Oil aging sensor DUO10A	20
Vibration SmartCheck	20
Dimension sheets	
Helical gearmotors	308
Helical-bevel gearmotors	616
Helical-worm gearmotors	757
Parallel-shaft helical gearmotors	448
SPIROPLAN® gearmotors	840
Dismounting using the SEW-EURODRIVE as- sembly/disassembly kit	133
Documentation, additional	9
Drive and gear unit selection data	44
Drive solution	6
DUO 10A	
Technical data	169

E

EDR type designation	
Motor series	26
Efficiency	49
Efficiency of R, F, K, S, W gear units	48
Encoder	27
Extended storage	19

F

Fixed safety cover	164
Part numbers and dimensions	166, 167, 168
Flange contours	
FAF., KAF., SAF.. and WAF.	161
FF., KF., SF.. and WF.	159
RF.. and R..F	157
Food-grade lubricant	
SPIROPLAN® gear units	54

Force application - definition	57	Variants	523
G		Helical-worm gear units	
Gear ratios, max. torques		Type designation	24
Helical gearmotors	184	Helical-worm gearmotors	713
Helical-bevel gearmotors.....	526	Designs	40, 713
Helical-worm gearmotors	715	Dimension sheets	757
Parallel-shaft helical gearmotors	366	Mounting positions	95
SPIROPLAN® gearmotors	823	Possible geometrical combinations	715
Structure of the tables	175	Selection tables	728
Gear unit mounting	154	Selection tables for low output speeds.....	750
Strength class.....	154	Higher permitted overhung loads	
Gear units		Gear units	57
Extended storage	19	Hollow shaft and key, mounting/dismounting	129
Gear units with hollow shaft	135	I	
Special motor/gear unit combinations	136	Installation altitude.....	12
Gear units with hollow shafts and key		Installation kit for gear units with hollow shaft and key.....	129
Installation/removal kit.....	129	International markets	14
Gearmotor		L	
Accessibility.....	12	Light load range.....	9
Heat dissipation.....	12	Lubricant	
Installation altitude.....	12	Compatibility with oil seal	111
Noise	12	Lubricant table	110
Painting	12	Lubricant fill quantities.....	122
Grease filling	109	Lubricant table	
H		Notes	110
Heavy load range	9	M	
Helical gear units		Modular automation system	6
Type designation	23	Motor	
Helical gearmotors	182	Operating temperature	11
Designs	182	Motor flange	
Dimension sheets.....	308	Breather valve, oil drain plug.....	64
Mounting positions	74	Motor mounting positions	107
Possible geometrical combinations	184	Motor platform	15
Selection tables	220	Mounting gear units with hollow shaft and key	
Selection tables for low output speeds.....	292	Supplied fastening parts.....	129
Helical-bevel gear units		Using the assembly/disassembly kit by SEW-EURODRIVE.....	131
Type designation	24	Mounting of gear units	154
Helical-bevel gearmotors.....	523	Mounting position	
Designs	36, 37, 38	Mounting position M0	64
Dimension sheets.....	616	Mounting position MX.....	64
Mounting positions	82	Mounting position sheets, key	73
Possible geometrical combinations	526		
Selection tables	551		
Selection tables for low output speeds.....	602		

Mounting positions	
Helical gearmotors	74
Helical-bevel gearmotors.....	82
Helical-worm gearmotors	95
Overview	63
Parallel-shaft helical gearmotors	79
SPIROPLAN® gearmotors	101
Multi-stage gearmotors.....	61
N	
NOCO® fluid.....	18
Notes on the gearmotor dimension sheets.....	178
O	
Oil aging sensor	20
Oil aging sensor DUO10A	
Technical data	169
Oil drain plug	
Compound gear unit.....	62
Oil drain plug in motor flange	64
Oil expansion tank.....	21
Oil level plug	
Compound gear unit.....	62
Oil quantity	122
Oil seal	
Lubricant compatibility.....	111
Operating temperature	
Gear units.....	11
Motor	11
Options	
TorcLOC®	138
Type designation	25
Order information	68
Output designs	26
Overhung load	
Permitted overhung load	55
Reduced overhung load	55
Overhung load conversion, gear unit constants ..	59
P	
Parallel-shaft helical gear units	
Type designation	23
Parallel-shaft helical gearmotors	363
Designs	34, 363
Dimension sheets.....	448
Mounting positions	79
Possible geometrical combinations	366
Selection tables	392
Selection tables for low output speeds.....	432
Permitted axial load	57
Position of the torque arm	180
Possible geometrical combinations	
Helical gearmotors	184
Helical-bevel gearmotors.....	526
Helical-worm gearmotors	715
Parallel-shaft helical gearmotors	366
SPIROPLAN® gearmotors	823
Product names	10
Project Planning for Drives	
Additional documentation	44
Multi-stage gearmotors.....	61
Project planning procedure	45
Project Planning for Gear Units	
Service factor	51
R	
R, F, K, S, W gear units	
Operating temperature	11
Reduced backlash gear units	13, 128
Removal kit for gear units with hollow shaft and key	129
Rubber buffer for FA/FH/FV/FT	180
S	
Safety cover	163
Fixed.....	163
Flat	164
Rotating	163
Screw plug bore	
Compound gear unit.....	62
Selection tables	
Gearmotors, structure of the selection tables	176
Helical gearmotors	220
Helical-bevel gearmotors.....	551
Helical-worm gearmotors	728
Parallel-shaft helical gearmotors	392
SPIROPLAN® gearmotors	828
Selection tables for low output speeds	
Helical gearmotors	292
Helical-bevel gearmotors.....	602
Helical-worm gearmotors	750

Parallel-shaft helical gearmotors	432	Thermal rating	49
SPIROPLAN® gearmotors	838	Tolerances	178
Self-locking helical-worm or SPIROPLAN® gear units	48	Shaft heights	178
Service factor		Flanges	179
Determining the service factor	51	Hollow shafts	178
SEW fB	51	Multiple-spline shafts	179
SPIROPLAN® gear units	54	Shaft ends	178
SEW service factor	51	TorqLOC®	
SEW-EURODRIVE		Options	138
Group of companies	6	TorqLOC® hollow shaft mounting system	137
Shouldered hollow shaft with shrink disk	139	Torque arm	180
Helical-bevel gear unit	142	Trademarks	10
Helical-worm gear unit	144	Type designation	31
Parallel-shaft helical gear units	140	Helical gear units	23
Shrink disk connection	180	Helical-bevel gear units	24
SPIROPLAN® gear units		Helical-worm gear units	24
Mounting position M0	64	Options	25
Service factor	54	Parallel-shaft helical gear units	23
Type designation	25	SPIROPLAN® gear units	25
SPIROPLAN® gearmotors	821	Temperature detection	28
Designs	41, 821	Type designation AC motors and options	26
Dimension sheets	840	Type designation DR..	
Mounting positions	101	Condition monitoring	30
Possible geometrical combinations	823	Encoder	27
Selection tables	828	Storage	29
Selection tables for low output speeds	838	Temperature sensor and temperature detection	28
Splined hollow shaft	180	Ventilation	29
Storage conditions	19	U	
Strength class		Universal mounting position M0	64
Gear unit mounting	154	V	
Structure of the selection tables	176	Variants	
Surface protection	19	Helical-bevel gearmotors	523
Swing base	15	Variants, possible	
T		Brakemotors	14
Technical data	862	Reduced backlash	128
DUO 10A	169	RM Gearmotors	13
Oil aging sensor DUO10A	169	Vibration SmartCheck	20
Vibration SmartCheck	171	Technical data	171
Technical data of DR2S.. motors	863		

Inquiry/order



Customer data:

Company: _____ Customer no.: _____
Department: _____
Name: _____ Phone: _____
Street/P.O. box: _____ Fax: _____
Email: _____
Zip code/city: _____

Contact at SEW:

Name: _____ Phone: _____
Technical office: _____ Fax: _____

Technical data:

Quantity: _____ Desired delivery date: _____
Catalog designation: _____

Gear unit type:

Helical gear units Parallel-shaft helical gear units Helical-bevel gear unit Helical-worm gear unit Spiroplan® gear units
 Double gear units Servo gear units Variable-speed gear unit Electrified monorail system Miscellaneous: _____

Power: _____ kW Output speed: _____ rpm Output torque: _____ Nm

Cycles/hour: _____ c/h Cyclic duration factor: S _____ / _____ % cdf
 1-shift operation 2-shift operation 3-shift operation
 Regular Irregular Very irregular

Mounting position: ¹⁾

M1 M2 M3 M4 M5 M6 Pivoted

Housing form:

Foot-mounted Flange (bore) Flange (thread)
 Torque arm Miscellaneous: _____

Shaft design:

Solid shaft with key Shrink disk Shaft/hollow shaft Ø: _____ mm
 Hollow shaft with key TorqLOC® Flange Ø: _____ mm

Shaft position (for right-angle gear units):

A | B | AB

Terminal box position:

0°(R) 90°(B) | 180°(L) | 270°(T) X 1 | 2 | 3

Cable entry:

Degree of protection:

IP54 IP55 IP56 IP65 IP66 IP69K

Thermal class:

130(B) 155(F) 180(H)

Surface/corrosion protection:

KS OS1 OS2 OS3 OS4

Line voltage: _____ V

Line frequency: 50Hz 60Hz

Connection type:

Δ | Y | YY | Y/Y

Energy efficiency class:

IE1 | IE2 | IE3 | IE4

For inverter operation: Max. frequency: _____ Hz | Control range: _____

Required options:

Brake: Voltage _____ V Braking torque: _____ Nm
 Manual brake release: HR or HF
 Forced cooling fan: Forced cooling fan voltage: _____ V
 Motor protection: TF or TH
 Encoder: _____
 Plug connector connection: _____
 Inverter: _____
 RAL 7031 or RAL _____

Further options:

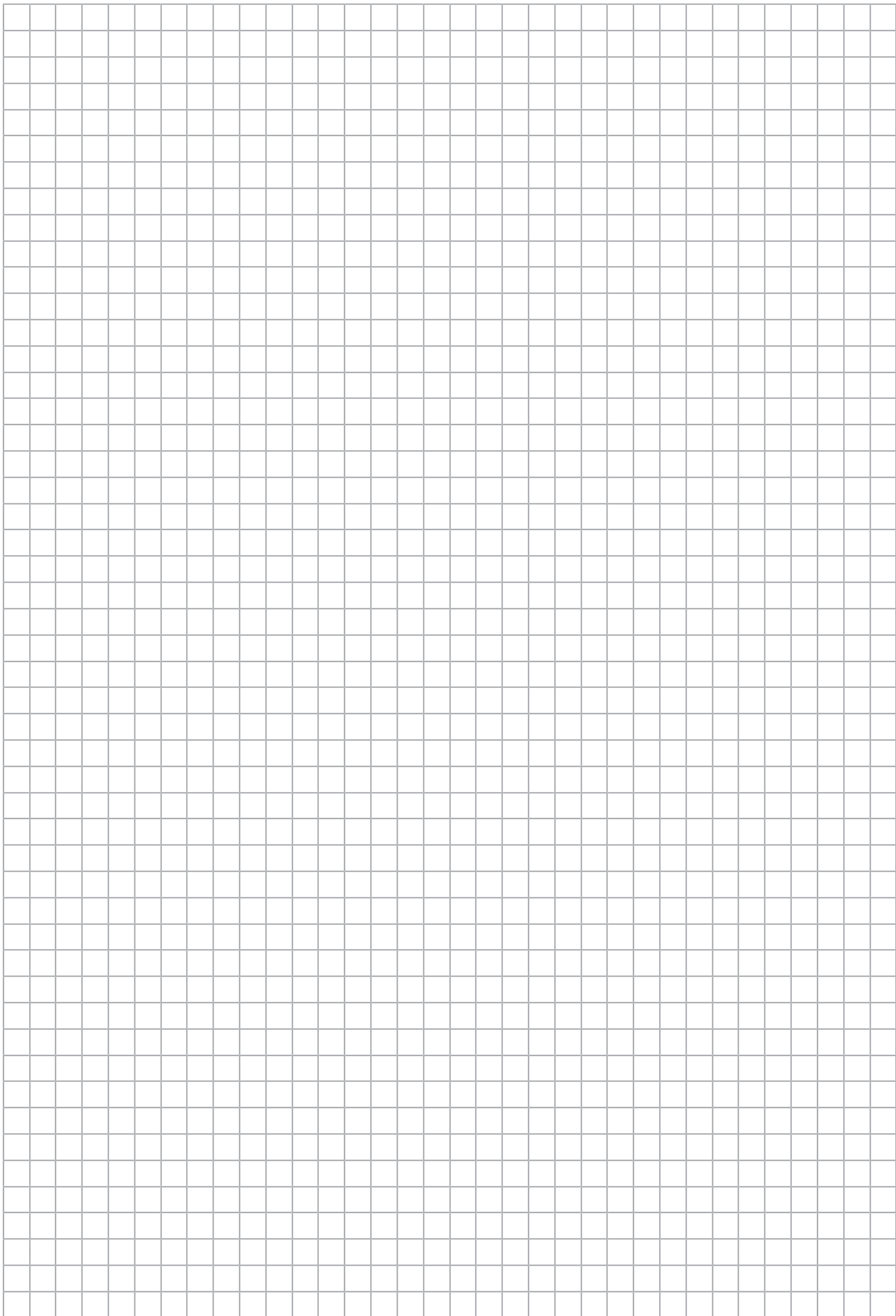
Special ambient conditions:

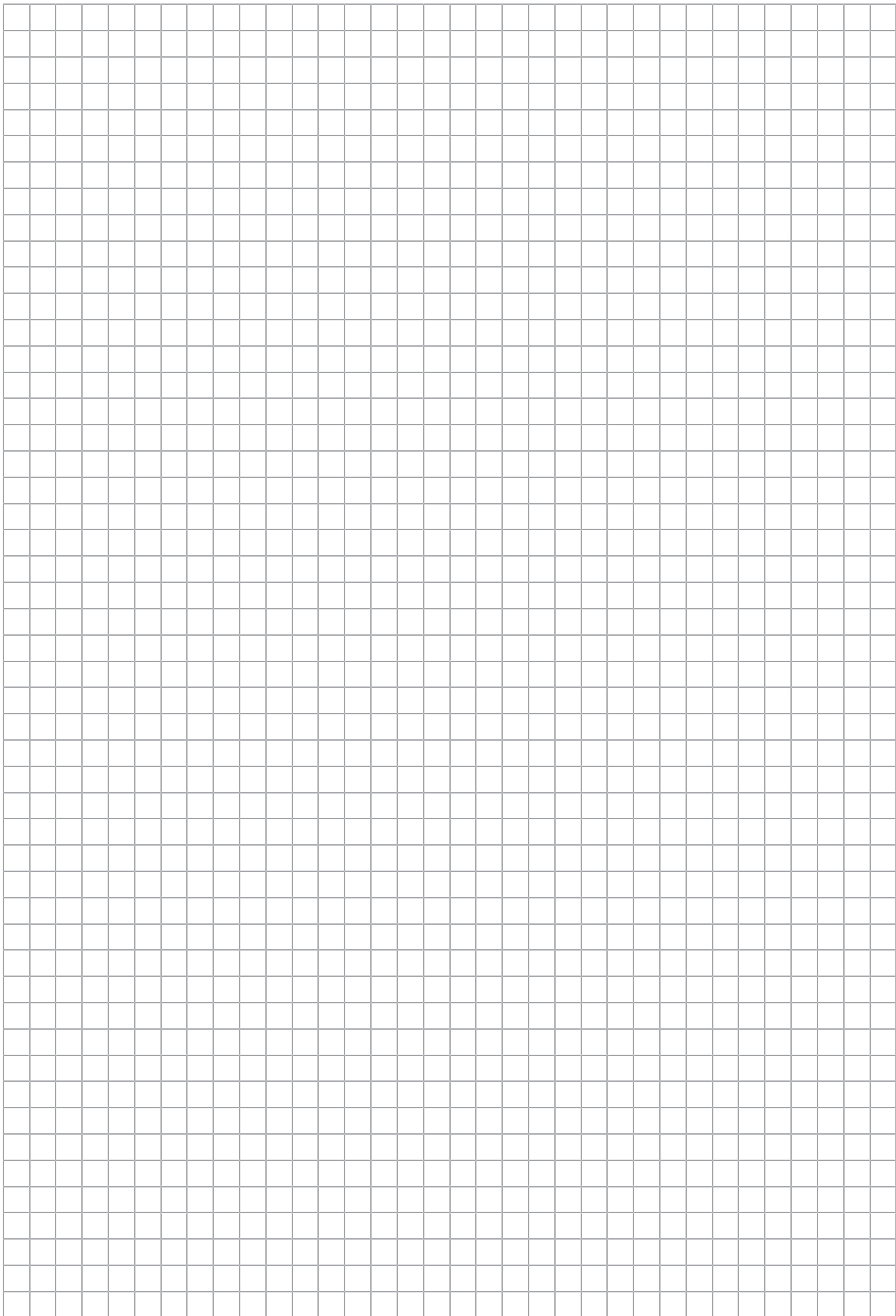
Temperature: from _____ °C to _____ °C | Operation outdoors | Installation altitude >1000m above NN
Further environmental conditions: _____

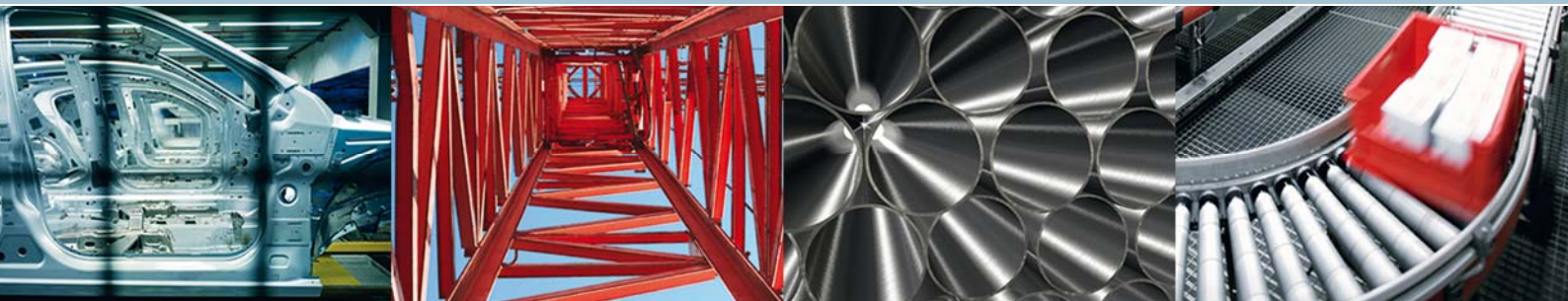
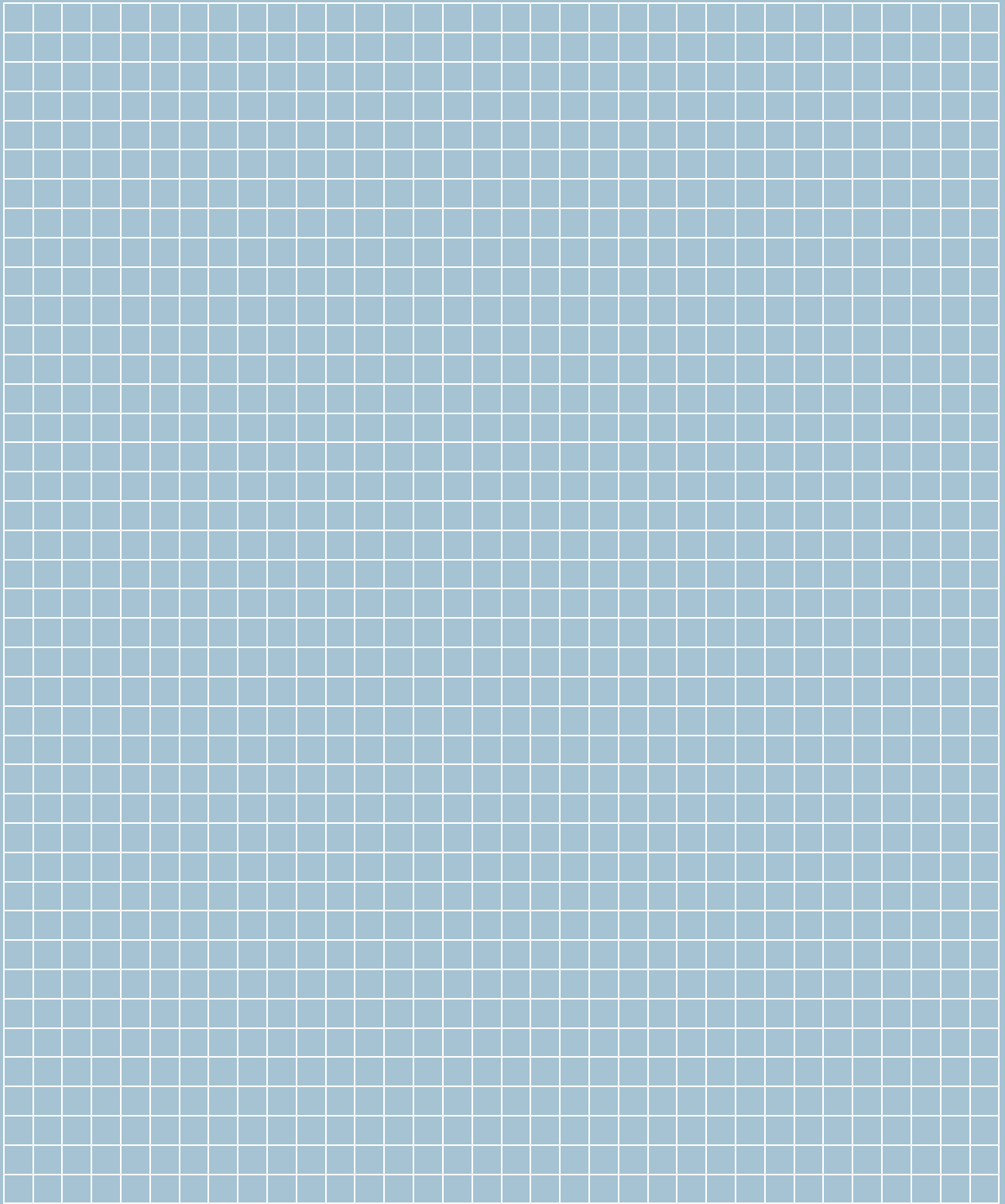
Miscellaneous: _____

¹⁾ see back

Place, date _____ Signature: _____









SEW-EURODRIVE
Driving the world

SEW
EURODRIVE

SEW-EURODRIVE GmbH & Co KG
Ernst-Blickle-Str. 42
76646 BRUCHSAL
GERMANY

Tel. +49 7251 75-0

Fax +49 7251 75-1970

sew@sew-eurodrive.com

→ www.sew-eurodrive.com