

**14 Abbreviation Key and Index****14.1 *Abbreviation key***

For a detailed list of abbreviations used, refer to chapter 4 "Project Planning Notes for Servo Gearmotors".



14.2 Index

A

Abbreviation key	38, 484
Abbreviation key and index	484
Additional documentation	7, 8, 37
Ambient temperature	
<i>R, F, K, S, W gear units</i>	16
Assembly of gear units with hollow shaft and key	92
Asynchronous servomotors	10
ATEX, explosion protection	19
Available torque arms	106

B

Brakemotors	9
Breather	127

C

Change of mounting position	66
Changing the mounting position	66
Churning losses	45, 68
Coating	9
Condition monitoring	
<i>Technical data</i>	113
Content of this publication	7
Corrosion protection	9, 12
Covers, fixed	111

D

Data for drive and gear unit selection	38
declaration of conformity	21
Design and operating notes	91
Diagnostic unit	
<i>DUV10A vibration sensor</i>	115
<i>Oil aging sensor DUO10A</i>	113
Disassembly of gear units with hollow shaft and key	92
Dividing explosion-proof equipment into categories	20
Documentation	
<i>Additional</i>	37
Documentation, additional	7, 8

E

Efficiency of R, F, K, S, W gear units	44
Explosion protection according to ATEX	19
Extended storage	14
Eyebolts, lifting eyes	127

F

Fastening the gear unit	106
Flange block shaft	98
Flange contours FAF.., KAF.., SAF.. and WAF..	110
Flange contours FF.., KF.., SF.. and WF..	108
Flange contours of RF.. and R..F	107
Force application, definition	48

G

Gear units	
<i>Extended storage</i>	14
Gear units with hollow shaft	96
Gearmotor dimensions	129
<i>EN 50347</i>	129
<i>Motor dimension designations</i>	129
<i>Motor options</i>	129
<i>Special designs</i>	129
Gearmotor variants	25
General notes	
<i>R, F, K, S, W gear units</i>	16

H

Helical gear units	
<i>Type designation</i>	22
Helical gearmotors	
<i>Mounting positions</i>	69
Helical-bevel gear units	
<i>Type designation</i>	23
Helical-worm gear units	
<i>Type designation</i>	23
Higher permitted overhung loads	48
Hollow shaft	96
Hollow shaft, shouldered with shrink disk	99

I

Important information on selection tables and dimension sheets	124
Information	126
Information on mounting positions	63
Information on selection tables	124
Installation altitude	16
Installation of gear units with hollow shaft and key	
<i>Supplied fastening parts</i>	92
International markets	10
Inverter combinations	11

K

Key to the mounting position sheets	67
KS corrosion protection	12

L

Lubricant fill quantities	
<i>R, F, K, S, W gear units</i>	119
Lubricant table	118
Lubricants	116
<i>General information</i>	116
<i>Lubricant table</i>	118
Lubricants and fill quantities	116

M

Main technical data of servomotors	
<i>Key</i>	479
Main technical data of the servomotors	479



Motor variants and options	34	Product names and trademarks	8
Mounting positions	63	Project planning example	51
Mounting positions of helical gearmotors	69	Project planning information	44
Mounting positions of helical-bevel gearmotors ..	77	Project planning of gear units	
Mounting positions of helical-worm gearmotors ..	82	<i>Off-center force application, overhung l</i>	
Mounting positions of parallel shaft helical		<i>oad conversion</i>	49
gearmotors	74	Project planning procedure	40
Mounting positions of SPIROPLAN®	88	<i>Part 1, servo gear units</i>	40
Mounting system		<i>Part 2, servo gear units</i>	41
TorqLOC®	97	<i>Part 3, servomotors</i>	42
N		<i>Part 4, servomotors</i>	43
NOCO® fluid	14	Protection measures	13
Noise	17	Protection types	21
O		Protection types and categories	21
Oil aging sensor		R	
<i>Technical data and part numbers</i>	113	Rated speeds	11
Oil expansion tank	46	Reduced backlash gear units	17, 91
Order information		Rolling bearing greases	117
<i>Output direction of rotation with backstop</i> ...	64	Rubber buffer for FA/FH/FV/FT	128
<i>Position of the motor terminal box</i>		Run-in phase of helical-worm and	
<i>and the cable entry</i>	66	SPIROPLAN® gear units	45
Order information for servo gearmotors		S	
- gear units	64	Self-locking helical-worm or SPIROPLAN®	
Order information for servo gearmotors		gear units	44
- motors	66	Servo gearmotor nameplate	35
OS Surface protection		SEW-EURODRIVE	
<i>Definition</i>	13	<i>Group of companies</i>	5
OS surface protection		<i>Products</i>	6
NOCO®	14	<i>Systems</i>	6
Output shafts without keyway	126	Shaft heights	126
Overhung load conversion	50	Shafts without keyway	126
Overhung load conversion for off-center		Shouldered hollow shaft with shrink disk	99
force application	49	Shrink disk connection	127
Overhung loads	47	Size of terminal box	129
Overview of explosion-proof equipment	20	Special protection measures	13
Overview of servo gearmotors	36	SPIROPLAN®	18, 24
Overview of types and type designation	22	SPIROPLAN® gearmotor variants	32
<i>Helical gearmotors</i>	25	Splined hollow shaft	128
<i>R, F, K, S, W gear units</i>	22	Storage conditions	15
P		Surface and corrosion protection	9
Parallel shaft helical gear units		Surface protection	12
<i>Type designation</i>	22	T	
Permitted axial load	48	Tolerances	126
Permitted overhung load	47	<i>Flanges</i>	127
Position of output end in right-angle gear units ...	65	<i>Hollow shafts</i>	127
Position of output shaft and output flange	65	<i>Multiple-spline shafts</i>	127
Potentially explosive atmospheres	20	<i>Shaft ends</i>	126
Product description		TorqLOC® mounting system	97
<i>Input components</i>	18	Torque	106
<i>Inverter operation</i>	9	Torque arm	128
<i>R, F, K, S, W gear units</i>	16	Torque arms	106
SPIROPLAN®	18	Transportation fixtures	127
<i>Swing base</i>	18	Type designation	
Product description, asynchronous servomotors	10	<i>Condition monitoring</i>	24
Product groups	6	<i>Helical gear units</i>	22



<i>Helical-bevel gear units</i>	23
<i>Helical-worm gear units</i>	23
<i>Options</i>	24
<i>Parallel shaft helical gear units</i>	22
<i>SPIROPLAN®</i>	24
V	
Variants	25, 26, 28, 30
<i>Helical gearmotors</i>	25
<i>Helical-bevel gearmotors</i>	28
<i>Helical-worm gearmotors</i>	30
<i>Parallel shaft helical gearmotors</i>	26
<i>SPIROPLAN®</i>	32
Variants, possible	
<i>Reduced backlash</i>	17
<i>SPIROPLAN®</i>	18
Vibration sensor	
<i>Technical data and part numbers</i>	115
W	
Weight specifications	9
Z	
Zones in potentially explosive atmospheres	19