

Synchronous motors

Dimension drawings

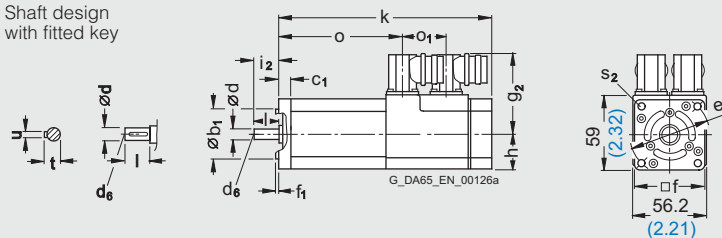
1FT6 motors with/without DRIVE-CLiQ Natural cooling

For motor		Dimensions in mm (in)													Encoder system: Resolver			
Shaft height	Type	DIN IEC	a ₁ P	b ₁ N	c ₁ LA	e ₁ M	f AB	f ₁ T	Without DRIVE- CLiQ g ₂ –	With DRIVE- CLiQ g ₂ –	h H	i ₂ –	s ₂ S	o ₁	without brake		with brake	
															k LB	o –	k LB	o –
1FT6, type IM B5, natural cooling, with connector, with/without brake																		
28	1FT6021		–	40 (1.57)	9.8 (0.39)	63 (2.48)	55 (2.17)	2.5 (0.10)	64 (2.52)	73.5 (2.89)	28 (1.10)	20 (0.79)	5.8 (0.23)	34.5 (1.36)	193 (7.60)	122 (4.80)	218 (8.58)	147 (5.79)
	1FT6024														233 (9.17)	162 (6.38)	258 (10.16)	187 (7.36)
36	1FT6031		92 (3.62)	60 (2.36)	8 (0.31)	75 (2.95)	72 (2.83)	3 (0.12)	76 (2.99)	86 (3.39)	36 (1.42)	30 (1.18)	5.5 (0.22)	–	180 (7.09)	151 (5.94)	200 (7.87)	171 (6.73)
	1FT6034														220 (8.66)	191 (7.52)	240 (9.45)	211 (8.31)

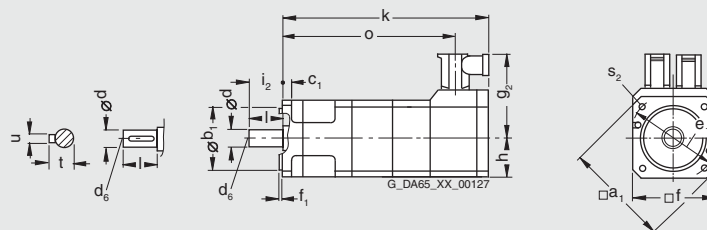
			Encoder system: Incremental encoder Absolute encoder				DE shaft extension				
Shaft height	Type	DIN IEC	without brake		with brake		d D	d ₆ –	l E	t GA	u F
			k LB	o –	k LB	o –					
28	1FT6021		193 (7.60)	122 (4.80)	218 (8.58)	147 (5.79)	9 (0.35)	M3	20 (0.79)	10.2 (0.40)	3 (0.12)
	1FT6024		233 (9.17)	162 (6.38)	258 (10.16)	187 (7.36)					
36	1FT6031		220 (8.66)	151 (5.94)	240 (9.45)	171 (6.73)	14 (0.55)	M5	30 (1.18)	16 (0.63)	5 (0.20)
	1FT6034		260 (10.24)	191 (7.52)	280 (11.02)	211 (8.31)					

1FT602

Shaft design
with fitted key



1FT603



Synchronous motors

Dimension drawings

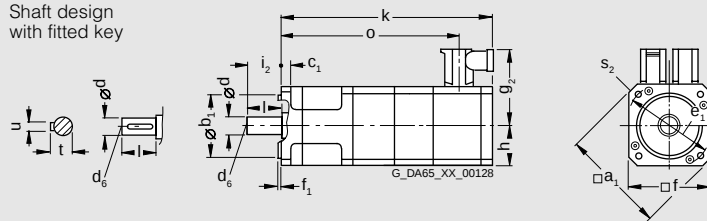
1FT6 motors with/without DRIVE-CLiQ Natural cooling

For motor		Dimensions in mm (in)														Encoder system: Resolver			
Shaft height	Type	DIN IEC	a ₁ P	b ₁ N	c ₁ LA	e ₁ M	f AB	f ₁ T	Without DRIVE-CLiQ	With DRIVE-CLiQ	h H	i ₂ –	s ₂ ¹⁾ S	s ₂ ²⁾ S	without brake		with brake		
									g ₂ –	g ₂ –					k LB	o –	k LB	o –	
1FT6, type IM B5, natural cooling, with connector, with/without brake																			
48	1FT6041		120 (4.72)	80 (3.15)	10 (0.39)	100 (3.94)	96 (3.78)	3 (0.12)	80 (3.15)	90 (3.54)	48 (1.89)	40 (1.57)	7 (0.28)	M6	185 (7.28)	159 (6.26)	220 (8.66)	194 (7.64)	
	1FT6044														235 (9.25)	209 (8.23)	270 (10.63)	244 (9.61)	
63	1FT6061		146 (5.75)	110 (4.33)	10 (0.39)	130 (5.12)	116 (4.57)	3.5 (0.14)	90 (3.54)	100 (3.94)	58 (2.28)	50 (1.97)	9 (0.35)	M8	194 (7.64)	172 (6.77)	224 (8.82)	202 (7.95)	
	1FT6062														219 (8.62)	197 (7.76)	249 (9.80)	227 (8.94)	
	1FT6064														269 (10.59)	247 (9.72)	299 (11.77)	277 (10.91)	

			Encoder system: Incremental encoder Absolute encoder				DE shaft extension				
			without brake		with brake						
Shaft height	Type	DIN IEC	k LB	o –	k LB	o –	d D	d ₆ –	l E	t GA	u F
48	1FT6041		228 (8.98)	157 (6.18)	263 (10.35)	192 (7.56)	19 (0.75)	M6	40 (1.57)	21.5 (0.85)	6 (0.24)
	1FT6044		278 (10.94)	207 (8.15)	313 (12.32)	242 (9.53)					
63	1FT6061		228 (8.98)	172 (6.77)	258 (10.16)	202 (7.95)	24 (0.94)	M8	50 (1.97)	27 (1.06)	8 (0.31)
	1FT6062		253 (9.96)	197 (7.76)	283 (11.14)	227 (8.94)					
	1FT6064		303 (11.93)	247 (9.72)	333 (13.11)	277 (10.91)					

**1FT604
1FT606**

Shaft design
with fitted key



¹⁾ IM B5
²⁾ IM B14

Synchronous motors

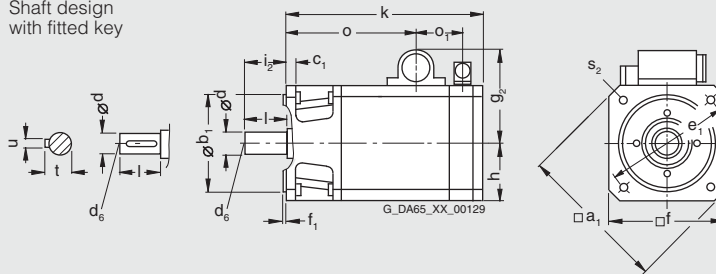
Dimension drawings

1FT6 motors with/without DRIVE-CLiQ Natural cooling

For motor Dimensions in mm (in)

															Encoder system: Resolver			
															without brake		with brake	
Shaft height	Type	DIN IEC	a ₁ P	b ₁ N	c ₁ LA	e ₁ M	f AB	f ₁ T	g ₂ –	h H	i ₂ –	s ₂ ¹⁾ S	s ₂ ²⁾ S	o ₁ –	k LB	o –	k LB	o –
1FT6, type IM B5, natural cooling, with connector, with/without brake																		
80	1FT6081		194 (7.64)	130 (5.12)	12 (0.47)	165 (6.50)	155 (6.10)	3.5 (0.14)	127.5 (5.02)	77.5 (3.05)	58 (2.28)	11 (0.43)	M10	76 (2.99)	221 (8.70)	113 (4.45)	248 (9.76)	140 (5.51)
	1FT6082														246 (9.69)	138 (5.43)	273 (10.75)	165 (6.50)
	1FT6084														296 (11.65)	188 (7.40)	342 (13.46)	234 (9.21)
	1FT6086														346 (13.62)	238 (9.37)	392 (15.43)	284 (11.18)

Shaft height	Type	DIN IEC	Encoder system: Incremental encoder Absolute encoder				DE shaft extension				
			without brake		with brake		d D	d ₆ –	l E	t GA	u F
			k LB	o –	k LB	o –					
80	1FT6081		221 (8.70)	113 (4.45)	248 (9.76)	140 (5.51)	32 (1.26)	M12	58 (2.28)	35 (1.38)	10 (0.39)
	1FT6082		246 (9.69)	138 (5.43)	273 (10.75)	165 (6.50)					
	1FT6084		296 (11.65)	188 (7.40)	342 (13.46)	234 (9.21)					
	1FT6086		346 (13.62)	238 (9.37)	392 (15.43)	284 (11.18)					

1FT608Shaft design
with fitted key

1) IM B5
2) IM B14

Synchronous motors

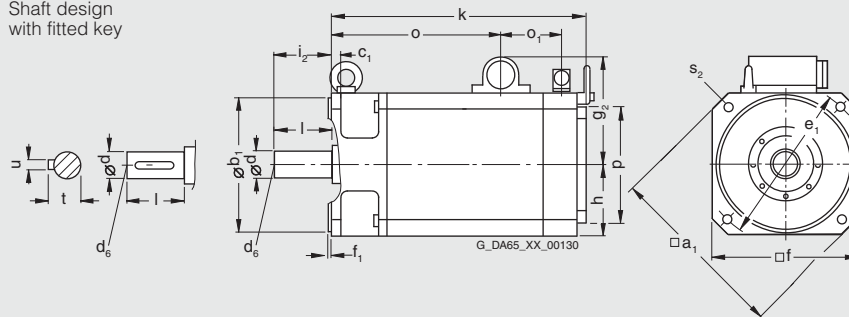
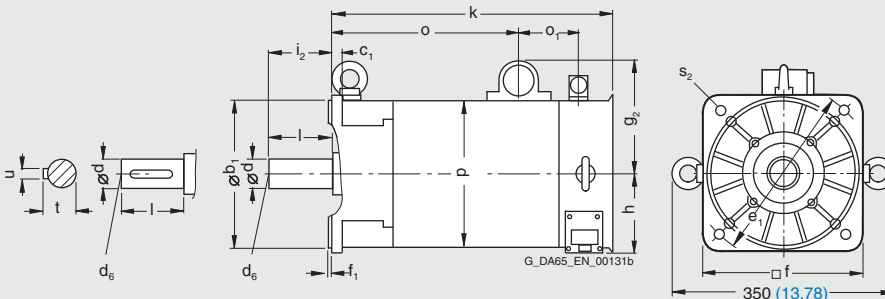
Dimension drawings

1FT6 motors with/without DRIVE-CLiQ Natural cooling

For motor Dimensions in mm (in)

Shaft height	Type	DIN IEC	a ₁ P	b ₁ N	c ₁ LA	e ₁ M	f AB	f ₁ T	Connector Size		h H	i ₂ —	p HD	s ₂ ¹⁾ S	s ₂ ²⁾ S	o ₁ —
									1.5	3						
									g ₂ —	g ₂ —						
1FT6, type IM B5, natural cooling, with connector, with/without brake																
100	1FT6102 1FT6105 1FT6108		240 (9.45)	180 (7.09)	13 (0.51)	215 (8.46)	192 (7.56)	4 (0.16)	146 (5.75)	172 (6.77)	96 (3.78)	80 (3.15)	155 (6.10)	14 (0.55)	M12	76 (2.99)
132	1FT6132 1FT6134 1FT6136		—	250 (9.84)	18 (0.71)	300 (11.81)	260 (10.24)	5 (0.20)	172.5 (6.79)	198.5 (7.81)	132 (5.20)	82 (3.23)	245 (9.65)	18 (0.71)	—	66 (2.60)

Shaft height	Type	DIN IEC	Encoder system: Resolver				Incremental encoder Absolute encoder				DE shaft extension				
			without brake		with brake		without brake		with brake		d D	d ₆ —	l E	t GA	u F
			k LB	o —	k LB	o —	k LB	o —	k LB	o —					
100	1FT6102 1FT6105 1FT6108		295 (11.61)	186 (7.32)	341 (13.43)	232 (9.13)	295 (11.61)	186 (7.32)	341 (13.43)	232 (9.13)	38 (1.50)	M12	80 (3.15)	41 (1.61)	10 (0.39)
132	1FT6132 1FT6134 1FT6136		423 (16.65)	288 (11.34)	473 (18.62)	338 (13.31)	423 (16.65)	288 (11.34)	473 (18.62)	338 (13.31)	48 (1.89)	M16	82 (3.23)	52.5 (2.07)	14 (0.55)

1FT610Shaft design
with fitted key**1FT613**

1) IM B5

2) IM B14

Synchronous motors

Dimension drawings

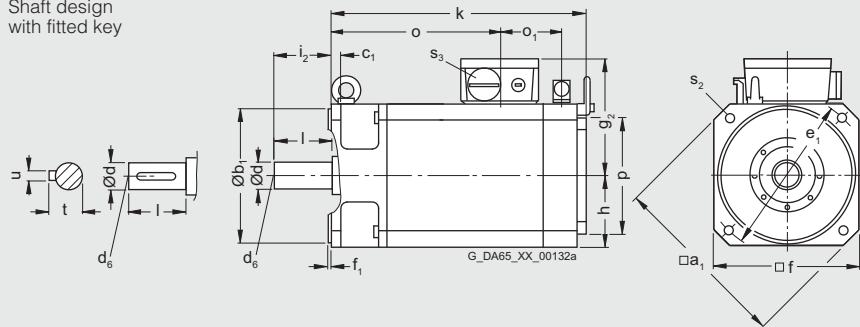
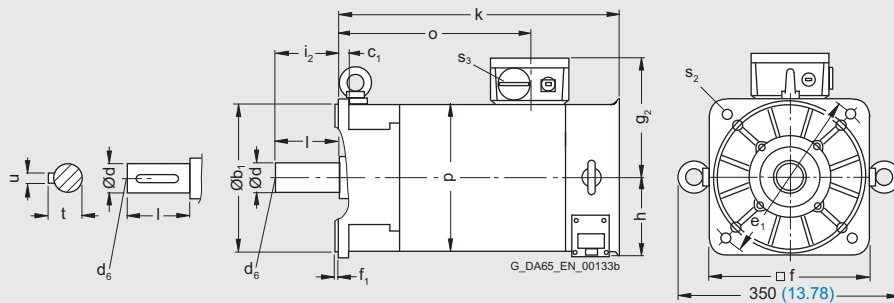
1FT6 motors with/without DRIVE-CLiQ Natural cooling

For motor Dimensions in mm (in)

Terminal box
gk 130 gk 230

Shaft height	Type	DIN IEC	a ₁ P	b ₁ N	c ₁ LA	e ₁ M	f AB	f ₁ T	g ₂ —	g ₂ —	h H	i ₂ —	p HD	s ₂ ¹⁾ S	s ₂ ²⁾ S	s ₃ —	o ₁ —
1FT6, type IM B5, natural cooling, with terminal box, with/without brake																	
100	1FT6102 1FT6105 1FT6108		240 (9.45)	180 (7.09)	13 (0.51)	215 (8.46)	192 (7.56)	4 (0.16)	155 (6.10)	160 (6.30)	96 (3.78)	80 (3.15)	155 (6.10)	14 (0.55)	M12	PG29	76 (2.99)
132	1FT6132 1FT6134 1FT6136		—	250 (9.84)	18 (0.71)	300 (11.81)	260 (10.24)	5 (0.20)	—	194 (7.64)	132 (5.20)	82 (3.23)	245 (9.65)	18 (0.71)	—	PG29/ PG36	—

Shaft height	Type	DIN IEC	Encoder system: Resolver				Incremental encoder Absolute encoder				DE shaft extension				
			without brake		with brake		without brake		with brake		d D	d ₆ —	l E	t GA	u F
			k LB	o —	k LB	o —	k LB	o —	k LB	o —					
100	1FT6102 1FT6105 1FT6108		295 (11.61) 370 (14.57) 470 (18.50)	186 (7.32) 261 (10.28) 361 (14.21)	341 (13.43) 416 (16.38) 516 (20.31)	232 (9.13) 307 (12.09) 407 (16.02)	295 (11.61) 370 (14.57) 470 (18.50)	186 (7.32) 261 (10.28) 361 (14.21)	341 (13.43) 416 (16.38) 516 (20.31)	232 (9.13) 307 (12.09) 407 (16.02)	38 (1.50)	M12	80 (3.15)	41 (1.61)	10 (0.39)
132	1FT6132 1FT6134 1FT6136		423 (16.65) 473 (18.62) 523 (20.59)	288 (11.34) 338 (13.31) 388 (15.28)	473 (18.62) 523 (20.59) 573 (22.56)	338 (13.31) 388 (15.28) 438 (17.24)	423 (16.65) 473 (18.62) 523 (20.59)	288 (11.34) 338 (13.31) 388 (15.28)	473 (18.62) 523 (20.59) 573 (22.56)	338 (13.31) 388 (15.28) 438 (17.24)	48 (1.89)	M16	82 (3.23)	51.5 (2.03)	14 (0.55)

1FT610Shaft design
with fitted key**1FT613**

1) IM B5

2) IM B14

Synchronous motors

Dimension drawings

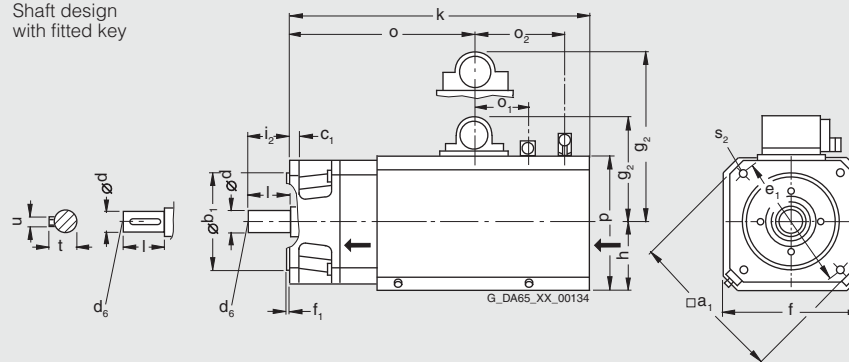
1FT6 motors with/without DRIVE-CLiQ Forced ventilation

For motor		Dimensions in mm (in)															
Shaft height	Type	DIN IEC	a ₁ P	b ₁ N	c ₁ LA	e ₁ M	f AB	f ₁ T	Connector		h H	i ₂ —	p HD	s ₂ ¹⁾ S	s ₂ ²⁾ S	o ₁ —	o ₂ —
									Size	3							
									1.5	3							
									g ₂	g ₂							
									—	—							
1FT6, type IM B5, forced ventilation, with connector, with/without brake																	
80	1FT6084 1FT6086		194 (7.64)	130 (5.12)	12 (0.47)	165 (6.50)	185 (7.28)	3.5 (0.14)	140 (5.51)	154 (6.06)	93 (3.66)	58 (2.28)	175 (6.89)	11 (0.43)	M10	76 (2.99)	169 (6.65)
100	1FT6105 1FT6108		240 (9.45)	180 (7.09)	13 (0.51)	215 (8.46)	221 (8.70)	4 (0.16)	158 (6.22)	172 (6.77)	111 (4.37)	80 (3.15)	212 (8.35)	14 (0.55)	M12	76 (2.99)	170 (6.69)

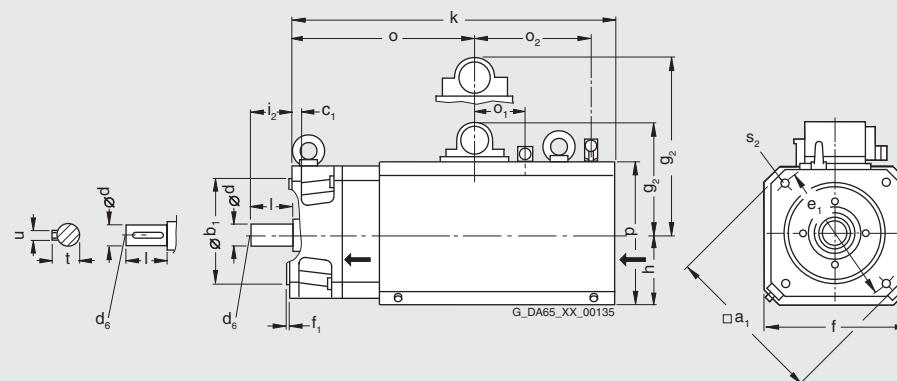
Shaft height			Encoder system:				DE shaft extension				
			Resolver								
			Incremental encoder								
			Absolute encoder								
Type	DIN IEC	without brake		with brake		d D	d ₆ –	l E	t GA	u F	
k LB	o –	k LB	o –								
80	1FT6084		399 (15.71)	188 (7.40)	445 (17.52)	234 (9.21)	32 (1.26)	M12	58 (2.28)	35 (1.38)	10 (0.39)
	1FT6086		449 (17.68)	238 (9.37)	495 (19.49)	284 (11.18)					
100	1FT6105		473 (18.62)	261 (10.28)	519 (20.43)	307 (12.09)	38 (1.50)	M12	80 (3.15)	41 (1.61)	10 (0.39)
	1FT6108		573 (22.56)	361 (14.21)	619 (24.37)	407 (16.02)					

1FT608

Shaft design
with fitted key



1FT610



1) IM B5
2) IM B14

Synchronous motors

Dimension drawings

1FT6 motors with/without DRIVE-CLiQ Forced ventilation

For motor Dimensions in mm (in)

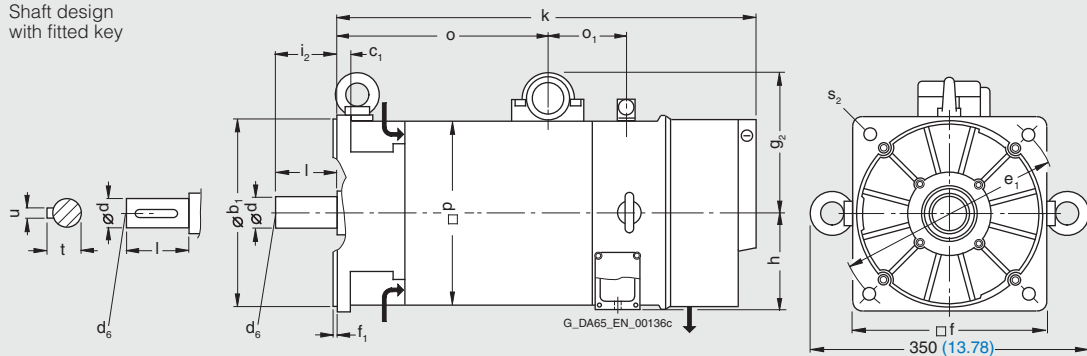
Connector
Size
3

Shaft height	Type	DIN IEC	a ₁ P	b ₁ N	c ₁ LA	e ₁ M	f AB	f ₁ T	g ₂ —	h H	i ₂ —	p HD	s ₂ ¹⁾ S	s ₂ ²⁾ S	o ₁ —	o ₂ —
132	1FT6132 1FT6134 1FT6136		—	250 (9.84)	18 (0.71)	300 (11.81)	260 (10.24)	5 (0.20)	198.5 (7.81)	132 (5.20)	82 (3.23)	245 (9.65)	18 (0.71)	—	66 (2.60)	—

1FT6, type IM B5, forced ventilation, with connector, with/without brake

			Encoder system: Resolver Incremental encoder Absolute encoder				DE shaft extension				
			without brake		with brake		d D	d ₆ –	l E	t GA	u F
Shaft height	Type	DIN IEC	k LB	o –	k LB	o –					
132	1FT6132		541 (21.30)	288 (11.34)	591 (23.27)	338 (13.31)	48 (1.89)	M16	82 (3.23)	51.5 (2.03)	14 (0.55)
	1FT6134		591 (23.27)	338 (13.31)	641 (25.24)	388 (15.28)					
	1FT6136		641 (25.24)	388 (15.28)	691 (27.20)	438 (17.24)					

1FT613

Shaft design
with fitted key

1) IM B5

2) IM B14

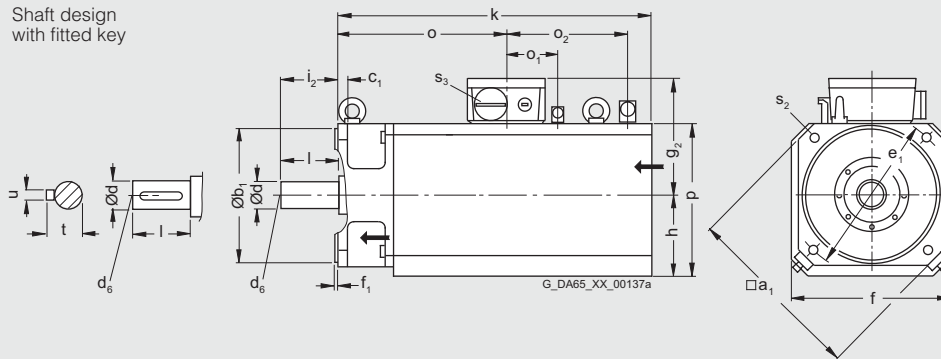
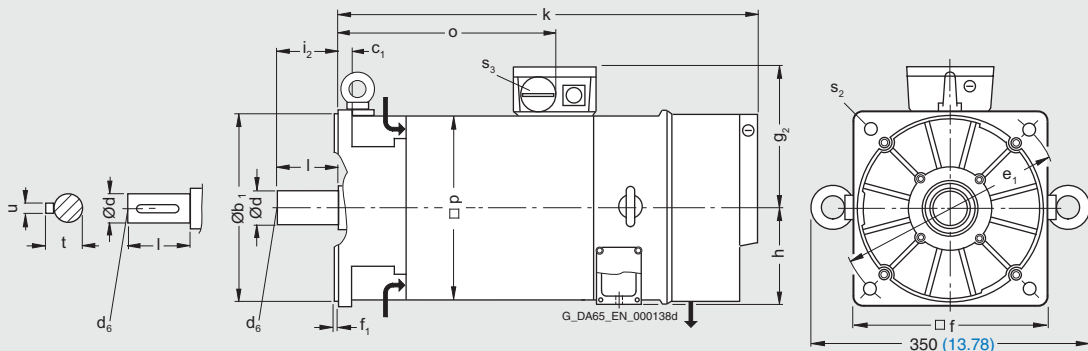
Synchronous motors

Dimension drawings

1FT6 motors with/without DRIVE-CLiQ Forced ventilation

For motor		Dimensions in mm (in)										Terminal box						
Shaft height	Type	DIN IEC	a ₁ P	b ₁ N	c ₁ LA	e ₁ M	f AB	f ₁ T	gk 130	gk 230	gk 420	h H	i ₂ –	p HD	s ₂ ¹⁾ S	s ₂ ²⁾ S	s ₃ –	
									g ₂ –	g ₂ –	g ₂ –							
1FT6, type IM B5, forced ventilation, with terminal box, with/without brake																		
100	1FT6105 1FT6108		240 (9.45)	180 (7.09)	13 (0.51)	215 (8.46)	221 (8.70)	4 (0.16)	167 (6.57)	172 (6.77)	–	111 (4.37)	80 (3.15)	212 (8.35)	14 (0.55)	M12	PG29	
132	1FT6132 1FT6134 1FT6136		–	250 (9.84)	18 (0.71)	300 (11.81)	260 (10.24)	5 (0.20)	–	186.5 (7.34)	202 (7.95)	132 (5.20)	82 (3.23)	245 (9.65)	18 (0.71)	–	PG29/ PG36	

Shaft height	Type	DIN IEC	o ₁	o ₂	Encoder system:				DE shaft extension				
					Resolver Incremental encoder Absolute encoder								
					without brake		with brake		d D	d ₆	l E	t GA	u F
					k LB	o –	k LB	o –					
100	1FT6105 1FT6108		76 (2.99)	170 (6.69)	473 (18.62) 573 (22.56)	261 (10.28) 361 (14.21)	519 (20.43) 619 (24.37)	307 (12.09) 407 (16.02)	38 (1.50)	M12	80 (3.15)	41 (1.61)	10 (0.39)
132	1FT6132 1FT6134 1FT6136		–	–	541 (21.30) 591 (23.27) 641 (25.24)	288 (11.34) 338 (13.31) 388 (15.28)	591 (23.27) 641 (25.24) 691 (27.20)	338 (13.31) 388 (15.28) 438 (17.24)	48 (1.89)	M16	82 (3.23)	51.5 (2.03)	14 (0.55)

1FT610Shaft design
with fitted key**1FT613**

¹⁾ IM B5
²⁾ IM B14

Synchronous motors

Dimension drawings

1FT6 motors with/without DRIVE-CLiQ Water cooling

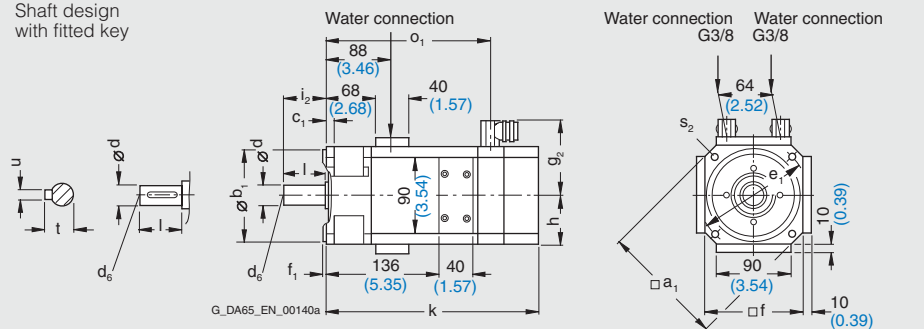
For motor Dimensions in mm (in)

Shaft height	Type	DIN IEC	a ₁ P	b ₁ N	c ₁ LA	e ₁ M	f AB	f ₁ T	Connector size				h H	i ₂ —	p HD	s ₂ ¹⁾ S	s ₂ ²⁾ S
									With DRIVE-CLiQ	Without DRIVE-CLiQ	1.5	3					
									g ₂ —	g ₂ —	g ₂ —	g ₂ —					
1FT6, type IM B5, water cooling, with connector, with/without brake																	
63	1FT6062 1FT6064		146 (5.75)	110 (4.33)	10 (0.39)	130 (5.12)	116 (4.57)	3.5 (0.14)	100 (3.94)	99 (3.90)	—	—	58 (2.28)	50 (1.97)	—	9 (0.35)	M8
80	1FT6084 1FT6086		194 (7.64)	130 (5.12)	12 (0.47)	165 (6.50)	155 (6.10)	3.5 (0.14)	—	—	139.5 (5.49)	153.5 (6.04)	77.5 (3.05)	58 (2.28)	—	11 (0.43)	M10

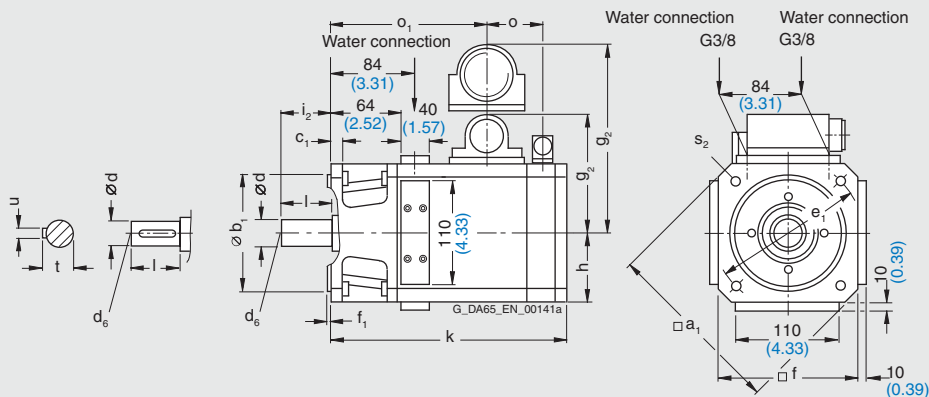
				Encoder system:								DE shaft extension				
				Resolver				Resolver		Incremental encoder						
				Incremental encoder						Absolute encoder						
				Absolute encoder												
				without brake		with brake		with/without brake		with/without brake						
Shaft height	Type	DIN IEC	o	k	o ₁	k	o ₁	k	o ₁	k	o ₁	d	d ₆	l	t	u
			–	LB	–	LB	–	LB	–	LB	–	D	–	E	GA	F
63	1FT6062		–	–	–	–	–	253 (9.96)	227 (8.94)	283 (11.14)	227 (8.94)	24 (0.94)	M8	50 (1.97)	27 (1.06)	8 (0.31)
	1FT6064							303 (11.93)	277 (10.91)	333 (13.11)	277 (10.91)					
80	1FT6084		76 (2.99)	296 (11.65)	188 (7.40)	342 (13.46)	234 (9.21)	–	–	–	–	32 (1.26)	M12	58 (2.28)	35 (1.38)	10 (0.39)
	1FT6086			346 (13.62)	238 (9.37)	392 (15.43)	284 (11.18)	–	–	–	–					

1FT606

Shaft design
with fitted key



1FT608



¹⁾ IM B5

²⁾ IM B14

Synchronous motors

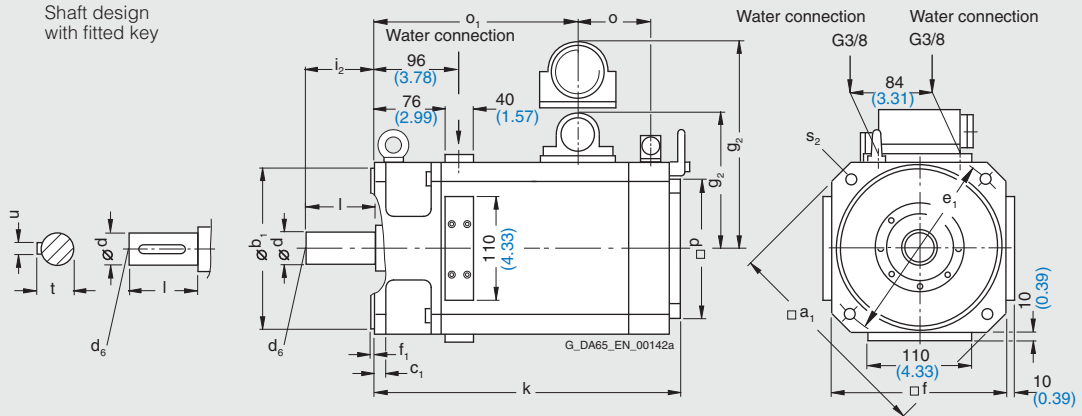
Dimension drawings

1FT6 motors with/without DRIVE-CLiQ Water cooling

For motor Dimensions in mm (in)

Shaft height	Type	DIN IEC	a ₁ P	b ₁ N	c ₁ LA	e ₁ M	f AB	f ₁ T	Connector		h H	i ₂ —	p HD	s ₂ ¹⁾ S ₂	s ₂ ²⁾ S ₂	o —
									1.5	3						
									g ₂ —	g ₂ —						
1FT6, type IM B5, water cooling, with connector, with/without brake																
100	1FT6105 1FT6108		240 (9.45)	180 (7.09)	13 (0.51)	215 (8.46)	192 (7.56)	4 (0.16)	158 (6.22)	172 (6.77)	96 (3.78)	80 (3.15)	155 (6.10)	14 (0.55)	M12	76 (2.99)

Shaft height	Type	DIN IEC	Encoder system: Resolver Incremental encoder Absolute encoder				DE shaft extension				
			without brake		with brake		d D	d ₆ —	l E	t GA	u F
			k LB	o ₁ —	k LB	o ₁ —					
100	1FT6105 1FT6108		370 (14.57) 470 (18.50)	261 (10.28) 361 (14.21)	416 (16.38) 516 (20.31)	307 (12.09) 407 (16.02)	38 (1.50)	M12	80 (3.15)	41 (1.61)	10 (0.39)

1FT610Shaft design
with fitted key

¹⁾ IM B5
²⁾ IM B14

Synchronous motors

Dimension drawings

1FT6 motors with/without DRIVE-CLiQ Water cooling

For motor Dimensions in mm (in)

Encoder system:

Resolver

Incremental encoder

Absolute encoder

without brake

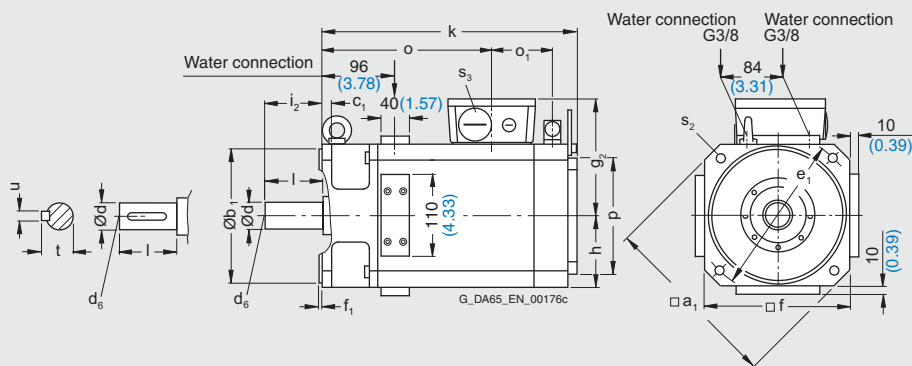
with brake

Shaft height	Type	DIN IEC	a ₁ P	b ₁ N	c ₁ LA	e ₁ M	f AB	f ₁ T	g ₂ —	h H	i ₂ —	k LB	o —	k LB	o —	o ₁ —	p HD	s ₂ S	s ₃ —
1FT6, type IM B5, water cooling, with terminal box gk 230 for $n_{rated} \leq 2,000$ rpm, with/without brake																			
100	1FT6105		240 (9.45)	180 (7.09)	13 (0.51)	215 (8.46)	192 (7.56)	4 (0.16)	161 (6.34)	96 (3.78)	80 (3.15)	370 (14.57)	261 (10.28)	416 (16.38)	307 (12.09)	76 (2.99)	155 (6.10)	14 (0.55)	PG29
	1FT6108											470 (18.50)	361 (14.21)	516 (20.31)	407 (16.02)				
1FT6, type IM B5, water cooling, with terminal box gk 420 for $n_{rated} = 3,000$ rpm, with/without brake																			
	1FT6105		240 (9.45)	180 (7.09)	13 (0.51)	215 (8.46)	192 (7.56)	4 (0.16)	176 (6.93)	96 (3.78)	80 (3.15)	370 (14.57)	261 (10.28)	416 (16.38)	307 (12.09)	—	155 (6.10)	14 (0.55)	PG36
	1FT6108											470 (18.50)	361 (14.21)	516 (20.31)	407 (16.02)				

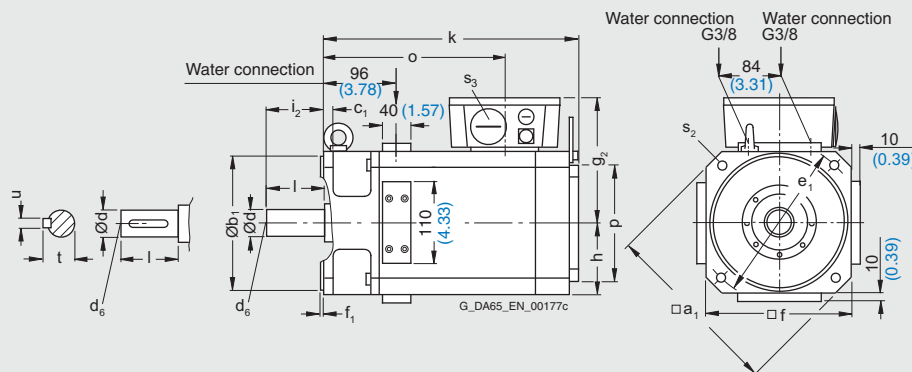
DE shaft extension

Shaft height	Type	DIN IEC	d D	d ₆ —	l E	t GA	u F
100	1FT6105 1FT6108		38 (1.50)	M12	80 (3.15)	41 (1.61)	10 (0.39)
	1FT6105 1FT6108		38 (1.50)	M12	80 (3.15)	41 (1.61)	10 (0.39)

1FT610
With
terminal
box
gk 320



1FT610
With
terminal
box
gk 420



Synchronous motors

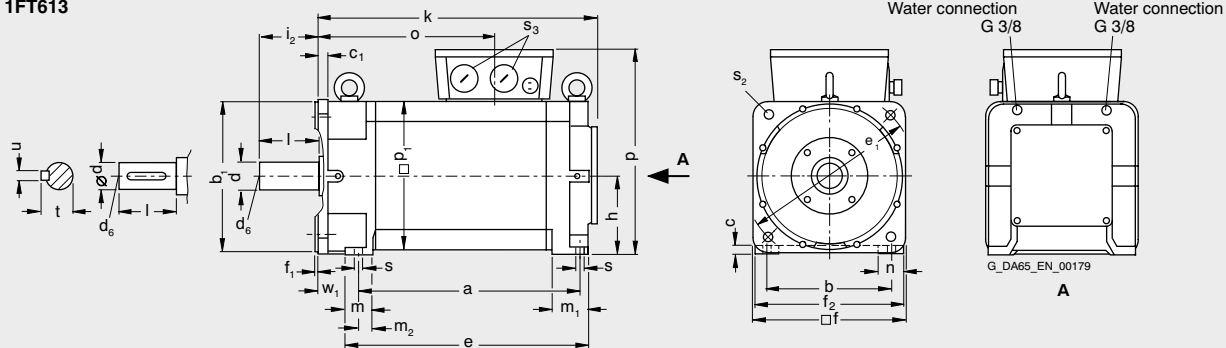
Dimension drawings

1FT6 motors without/with DRIVE-CLiQ Water cooling

For motor		Dimensions in mm (in)																
Shaft height	Type	DIN IEC	a B	b A	b ₁ N	c LA	c ₁ –	e BB	e ₁ M	f AB	f ₁ T	f ₂ –	h H	i ₂ –	k LB	m BA	m ₁ –	m ₂ –
1FT6, type IM B35, water cooling, with terminal box																		
132	1FT6132		342 (13.46)	216 (8.50)	250 (9.84)	14 (0.55)	16 (0.63)	366 (14.41)	300 (11.81)	260 (10.24)	5 (0.20)	245 (9.65)	132 (5.20)	82 (3.23)	423 (16.65)	36 (1.42)	53 (2.09)	23 (0.91)
	1FT6134		392 (15.43)					416 (16.38)							473 (18.62)			
	1FT6136		442 (17.40)					466 (18.35)							523 (20.59)			
	1FT6138		517 (20.35)					541 (21.30)							598 (23.54)			

Shaft height	Type	DIN IEC								$n_{rated}=1500$ rpm	$n_{rated}=2500$ rpm	DE shaft extension					
			n AA	o –	p HD	p ₁ AC	s K	s ₂ K	s ₃ –	s ₃ –	s ₃ –	w ₁ C	d D	d ₆ –	l E	t GA	u F
132	1FT6132		14 (0.55)	255.5 (10.06)	350.5 (13.80)	245 (9.65)	12 (0.47)	18 (0.71)	M32 x 1.5	M40 x 1.5	M40 x 1.5	53 (2.09)	48 (1.89)	M16	82 (3.23)	51.5 (2.03)	14 (0.55)
	1FT6134			305.5 (12.03)					M40 x 1.5	M50 x 1.5	M50 x 1.5						
	1FT6136			355.5 (14.00)					M50 x 1.5	M50 x 1.5	M50 x 1.5						
	1FT6138			430.5 (16.95)					M50 x 1.5	M50 x 1.5	M50 x 1.5						

1FT613



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