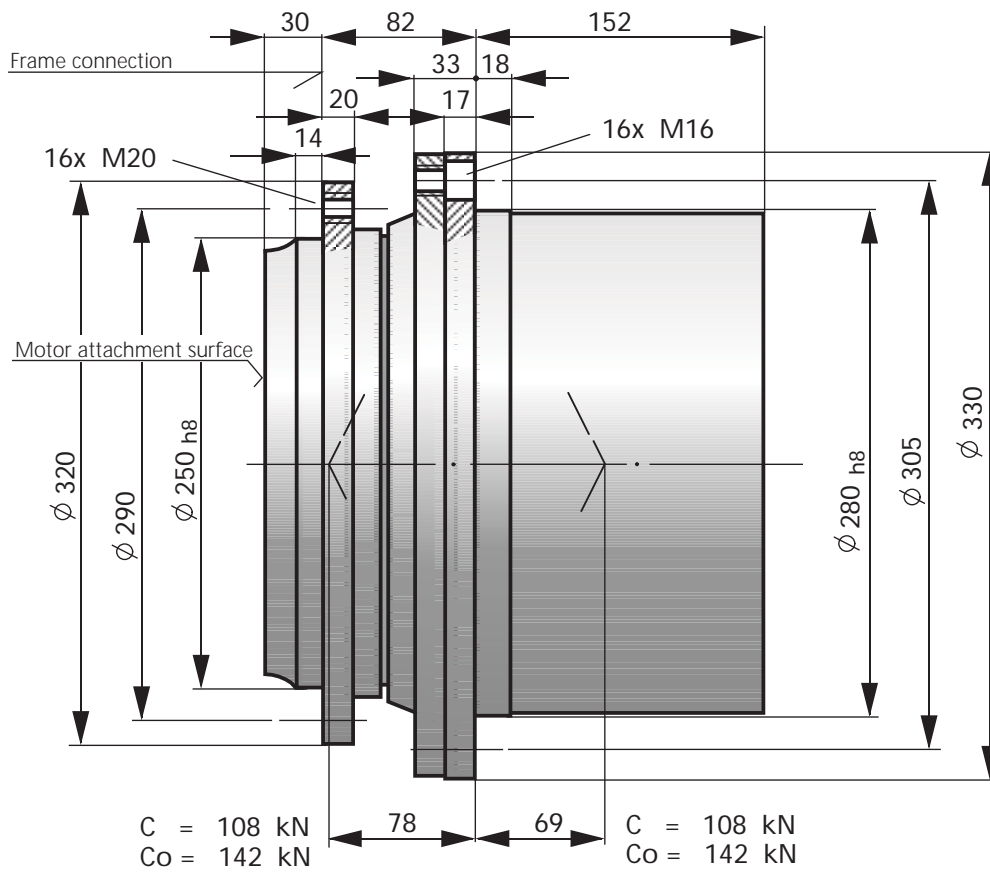


GFT 17 T2 2000

Gearbox weight: 90 kg



GFT 17 T2 2000 – Technical Data

(theoretical values, without consideration of η_{min} and η_v ; values rounded)

GFT 17 T2 - A6VE 55 / 63W-VZL

Motor weight: 26 kg

Transmission ratio	i		26.4	32.1	45.4
Motor displacement	$V_{g\ max}$	cm ³	54.8	54.8	54.8
	$V_{g\ min}$	cm ³	0	0	0
Max. torque of parking brake	T_{Br}	Nm	400	400	400
Total displacement	$V_{g\ total}$	cm ³ /rev.	1448	1761	2489
Motor speed	at $V_{g\ max}$	n_1	rpm	4200	4200
	at $V_{g\ < V_{g\ 1}}$	n_1	rpm	5600	5600
Output speed		$V_{g\ 1}$	cm ³ /rev.	37	37
	at $V_{g\ max}$	n_2	rpm	158.9	130.7
	at $V_{g\ < V_{g\ 1}}$	n_2	rpm	211.9	174.2
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	230	230	230
Differential pressure	Δp	bar	450	450	430
Motor torque	$T_{1\ max}$	Nm	392	392	374
Output torque	$T_{2\ max}$	Nm	10362	12603	17000

GFT 17 T2 - A2FE 45 / 61W-VZL

Motor weight: 15 kg

Transmission ratio	i		26.4	32.1	45.4
Motor displacement	V_g	cm ³	45.6	45.6	45.6
Max. torque of parking brake	T_{Br}	Nm	350	350	350
Total displacement	$V_{g\ total}$	cm ³ /rev.	1205	1466	2071
Motor speed	n_1	rpm	5600	5600	5600
Output speed	n_2	rpm	211.9	174.2	123.3
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	255	255	255
Differential pressure	Δp	bar	450	450	450
Motor torque	$T_{1\ max}$	Nm	326	326	326
Output torque	$T_{2\ max}$	Nm	8623	10487	14818

GFT 17 T2 - A2FE 56 / 61W-VZL

Motor weight: 18 kg

Transmission ratio	i		26.4	32.1	45.4
Motor displacement	V_g	cm ³	56.1	56.1	56.1
Max. torque of parking brake	T_{Br}	Nm	400	400	400
Total displacement	$V_{g\ total}$	cm ³ /rev.	1483	1803	2548
Motor speed	n_1	rpm	5000	5000	5000
Output speed	n_2	rpm	189.2	155.6	110.1
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	280	280	280
Differential pressure	Δp	bar	450	450	420
Motor torque	$T_{1\ max}$	Nm	401	401	374
Output torque	$T_{2\ max}$	Nm	10608	12902	17000

GFT 17 T2 - A2FE 63 / 61W-VZL

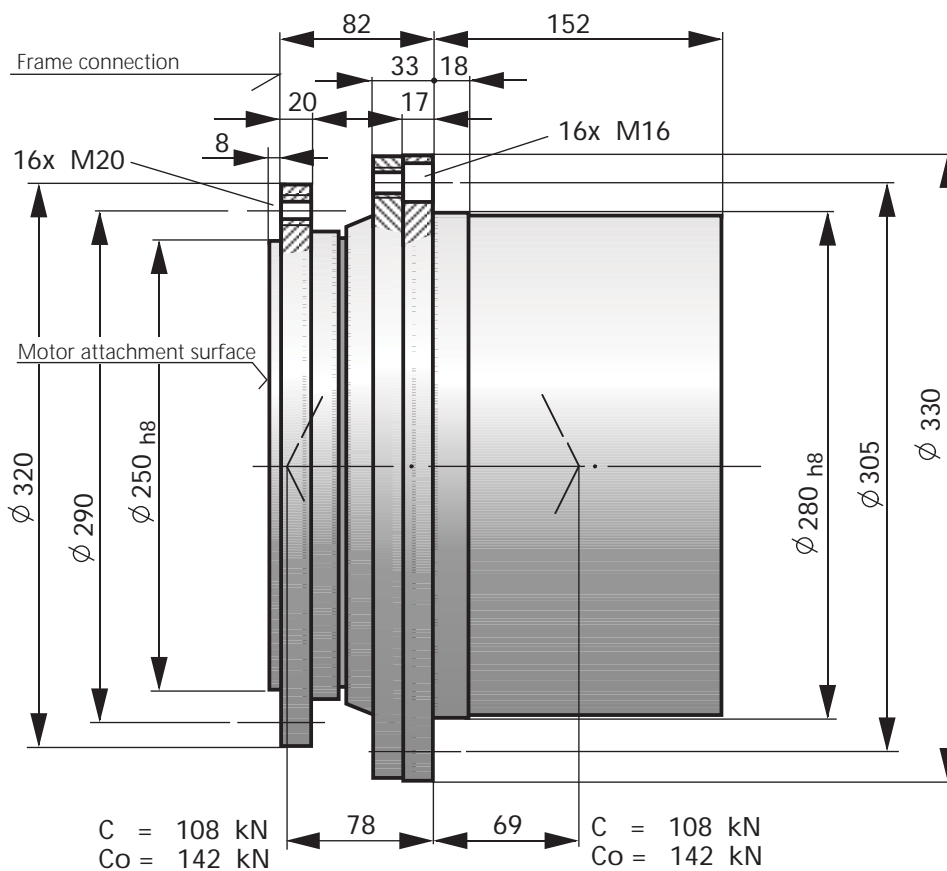
Motor weight: 19 kg

Transmission ratio	i		26.4	32.1	45.4
Motor displacement	V_g	cm ³	63	63	63
Max. torque of parking brake	T_{Br}	Nm	450	450	400
Total displacement	$V_{g\ total}$	cm ³ /rev.	1665	2025	2861
Motor speed	n_1	rpm	5000	5000	5000
Output speed	n_2	rpm	189.2	155.6	110.1
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	315	315	315
Differential pressure	Δp	bar	450	450	374
Motor torque	$T_{1\ max}$	Nm	451	451	374
Output torque	$T_{2\ max}$	Nm	11913	14489	17000

Motor connection for A6VM 55/80 and A2FM 56/63/80/90 on request.

GFT 17 T2 3000/1

Gearbox weight: 90 kg


GFT 17 T2 3000/1 – Technical Data

 (theoretical values, without consideration of η_{\min} and η_v ; values rounded)

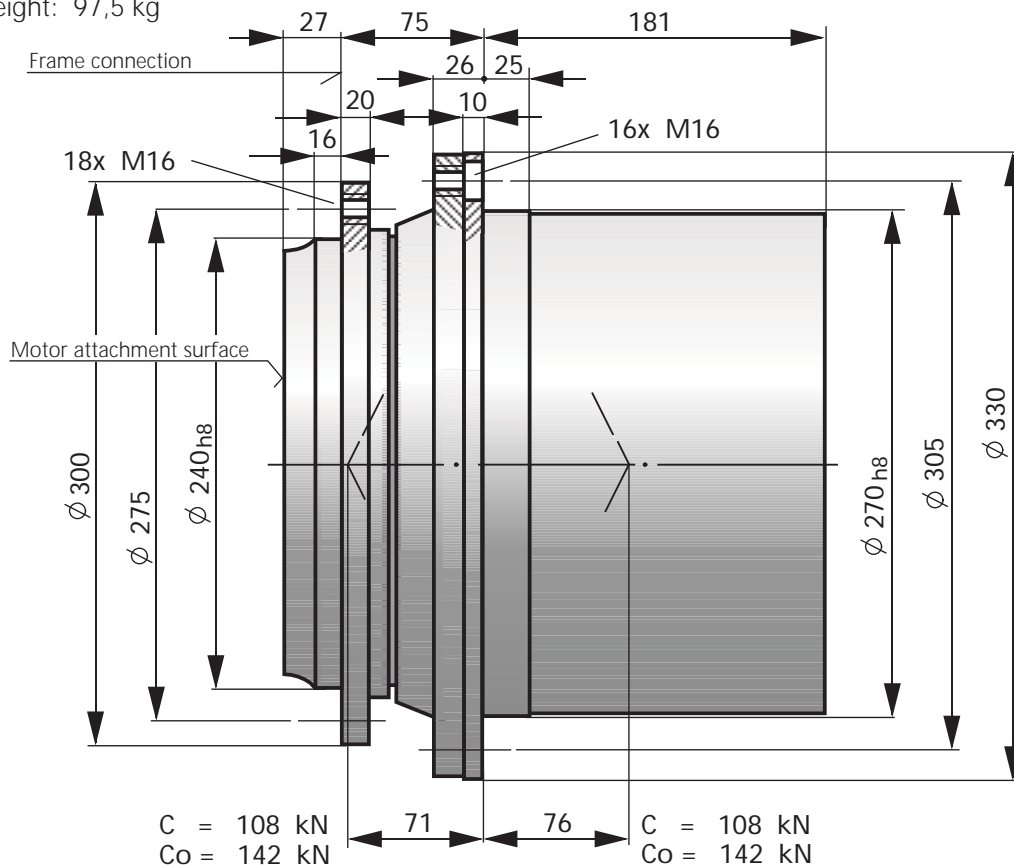
GFT 17 T2 - A6VE 55 / 63W-VZL

Motor weight: 26 kg

Transmission ratio	i		54.0
Motor displacement	$V_{g \max}$	cm^3	54.8
	$V_{g \min}$	cm^3	0
Max. torque of parking brake	T_{Br}	Nm	350
Total displacement	$V_{g \text{ total}}$	$\text{cm}^3/\text{rev.}$	2956
Motor speed	at $V_{g \max}$	n_1	rpm
	at $V_g < V_{g1}$	n_1	rpm
Output speed		V_{g1}	$\text{cm}^3/\text{rev.}$
	at $V_{g \max}$	n_2	rpm
	at $V_g < V_{g1}$	n_2	rpm
Inlet flow rate at n_{\max}	$q_{v \max}$	l/min	230
Differential pressure	Δp	bar	362
Motor torque	$T_{1 \max}$	Nm	315
Output torque	$T_{2 \max}$	Nm	17000

GFT 17 T3 1000/1

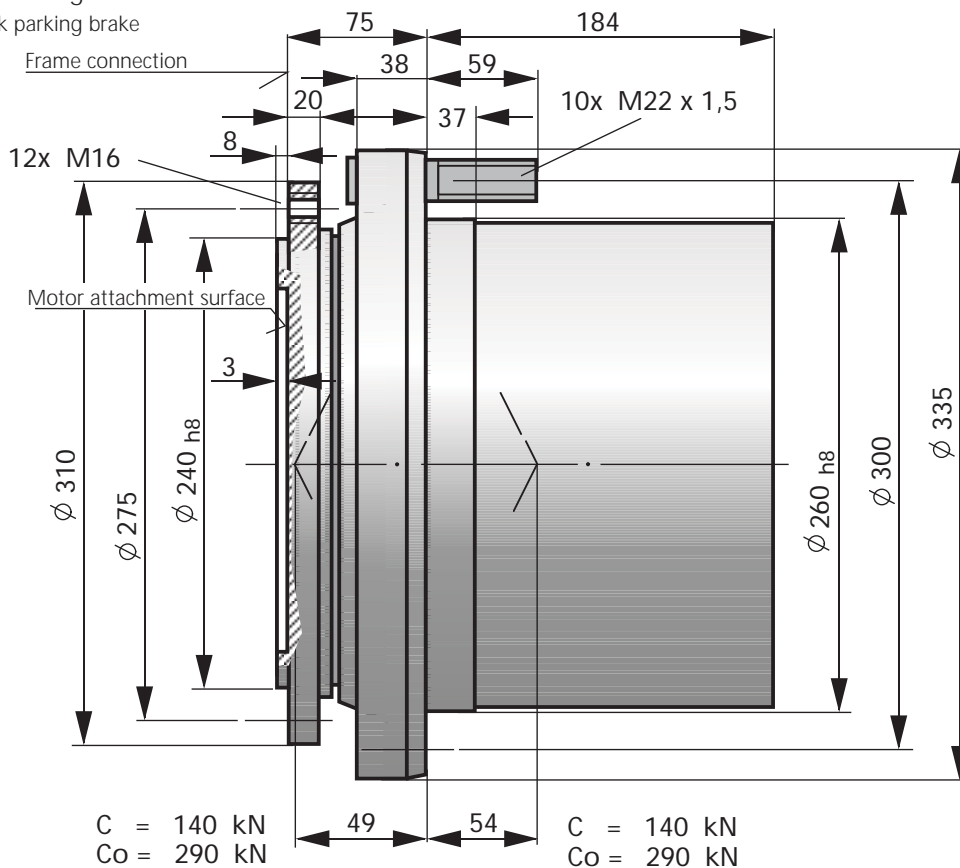
Gearbox weight: 97,5 kg



GFT 17 T3 9000/2

Gearbox weight: 95 kg

without multiple-disk parking brake



GFT 17 T3 1000/1 and 9000/2 – Technical Data

(theoretical values, without consideration of η_{min} and η_v ; values rounded)

GFT 17 T3 - A6VE 28 / 63W-VAL

Motor weight: 16 kg

Transmission ratio	i		77.9	88.2	102.6
Motor displacement	$V_{g\ max}$	cm ³	28.1	28.1	28.1
	$V_{g\ min}$	cm ³	0	0	0
Max. torque of parking brake	T_{Br}	Nm	250	200	200
Total displacement	$V_{g\ total}$	cm ³ /rev.	2190	2479	2884
Motor speed	at $V_{g\ max}$	n_1	rpm	4300	4900
	at $V_g < V_{g\ 1}$	n_1	rpm	4300	4900
	$V_{g\ 1}$	cm ³ /rev.	19	19	19
Output speed	at $V_{g\ max}$	n_2	rpm	55.2	55.5
	at $V_g < V_{g\ 1}$	n_2	rpm	55.2	55.5
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	121	138	149
Differential pressure	Δp	bar	450	431	371
Motor torque	$T_{1\ max}$	Nm	201	193	166
Output torque	$T_{2\ max}$	Nm	15672	17000	17000

GFT 17 T3 - A2FE 28 / 61W-NAL

Motor weight: 10,5 kg

Transmission ratio	i		77.9	88.2	102.6
Motor displacement	V_g	cm ³	28.1	28.1	28.1
Max. torque of parking brake	T_{Br}	Nm	250	200	200
Total displacement	$V_{g\ total}$	cm ³ /rev.	2190	2479	2884
Motor speed	n_1	rpm	4300	4900	5600
Output speed	n_2	rpm	55.2	55.5	54.6
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	121	138	157
Differential pressure	Δp	bar	450	431	371
Motor torque	$T_{1\ max}$	Nm	201	193	166
Output torque	$T_{2\ max}$	Nm	15672	17000	17000

GFT 17 T3 - A2FE 32 / 61W-NAL

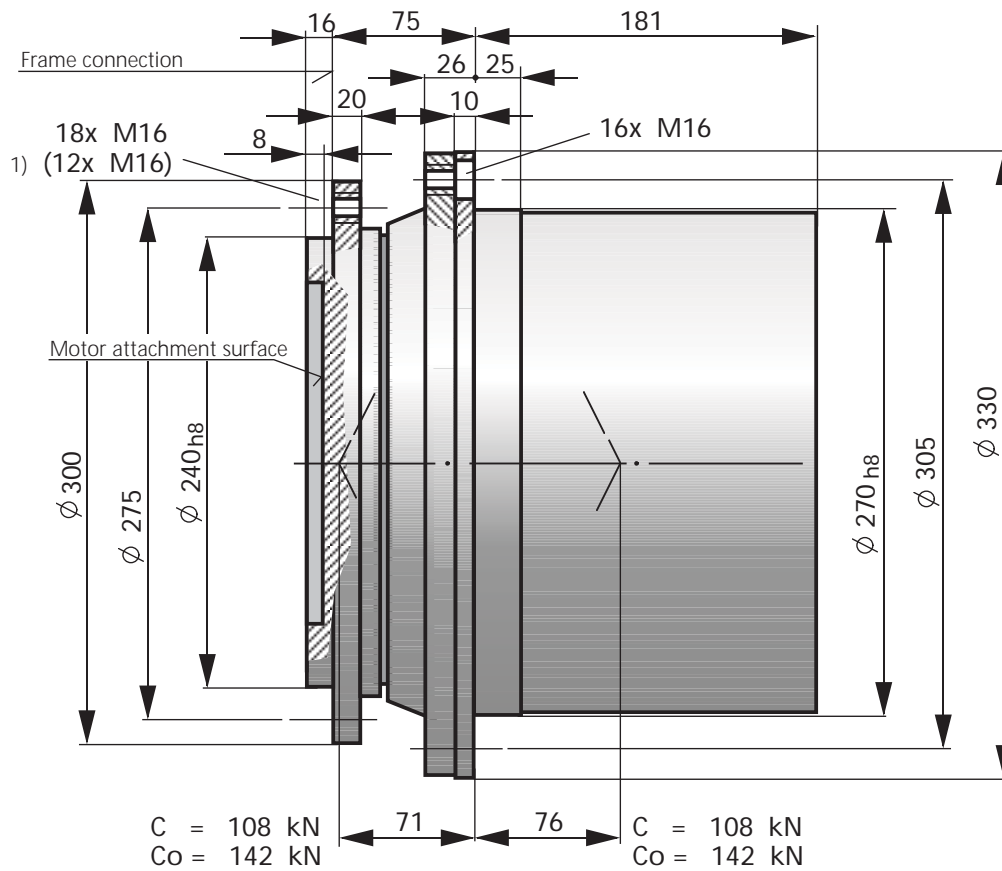
Motor weight: 10,5 kg

Transmission ratio	i		77.9	88.2	102.6
Motor displacement	V_g	cm ³	32	32	32
Max. torque of parking brake	T_{Br}	Nm	250	200	200
Total displacement	$V_{g\ total}$	cm ³ /rev.	2494	2823	3284
Motor speed	n_1	rpm	4300	4900	5600
Output speed	n_2	rpm	55.2	55.5	54.6
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	138	157	179
Differential pressure	Δp	bar	429	379	326
Motor torque	$T_{1\ max}$	Nm	218	193	166
Output torque	$T_{2\ max}$	Nm	17000	17000	17000

Motor connection for A6VM 55/80 and A2FM 56/63/80/90 on request.

GFT 17 T3 1000/2

Gearbox weight: 95 kg
with external brake release port


GFT 17 T3 1000/2 – Technical Data

(theoretical values, without consideration of η_{\min} and η_v ; values rounded)

GFT 17 T3 - A10VE 45 / 52W-PRF

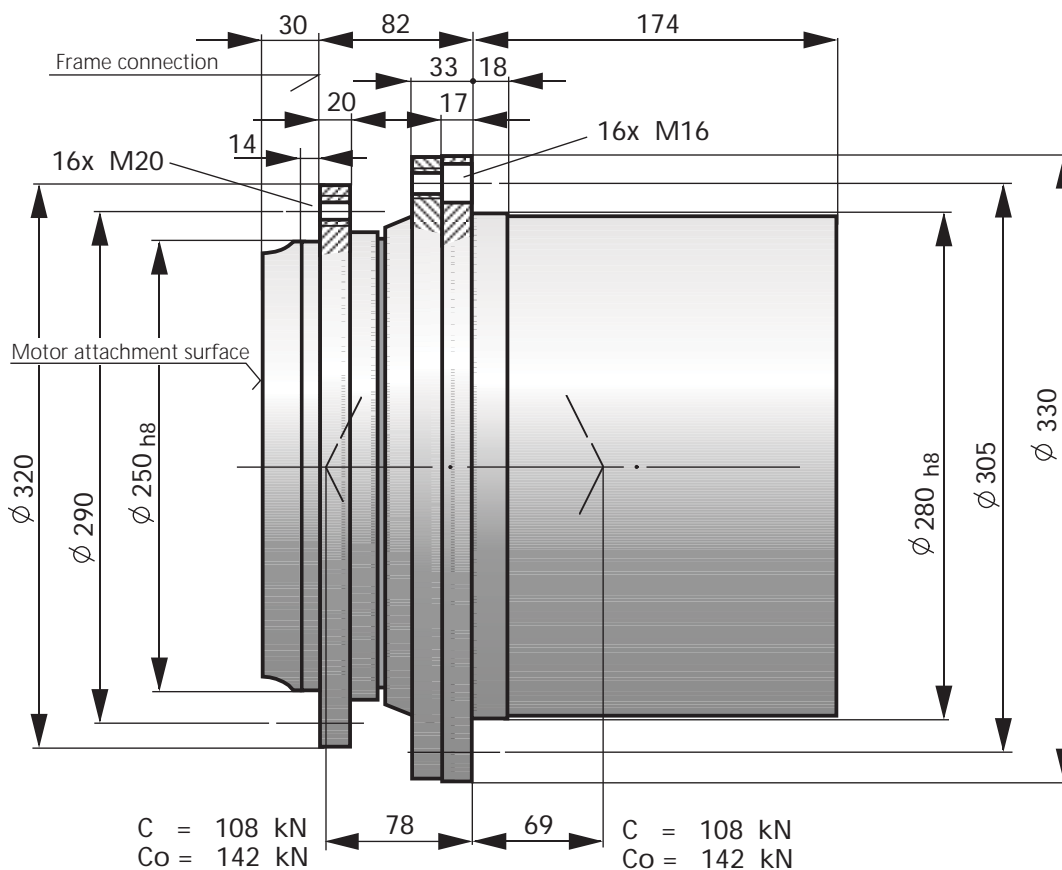
Motor weight: 17 kg

Transmission ratio	i		77.9	88.2	102.6
Motor displacement	$V_{g \max}$	cm ³	45	45	45
	$V_{g \min}$	cm ³	12	12	12
Max. torque of parking brake	T_{Br}	Nm	250	200	200
Total displacement	$V_{g \text{ total}}$	cm ³ /rev.	3508	3970	4618
Motor speed	at $V_{g \max}$	n_1	rpm	3100	3100
	at $V_g < V_{g1}$	n_1	rpm	4000	4000
Output speed		V_{g1}	cm ³ /rev.	35	35
	at $V_{g \max}$	n_2	rpm	39.8	35.1
	at $V_g < V_{g1}$	n_2	rpm	51.3	45.3
Inlet flow rate at n_{\max}	$q_{v \max}$	l/min	140	140	140
Differential pressure	Δp	bar	305	269	232
Motor torque	$T_{1 \max}$	Nm	218	193	166
Output torque	$T_{2 \max}$	Nm	17000	17000	17000

1) see type GFT 17 T3 5000

GFT 17 T3 2000/1

Gearbox weight: 100 kg



GFT 17 T3 2000/1 – Technical Data

(theoretical values, without consideration of η_{min} and η_v ; values rounded)

GFT 17 T3 - A6VE 55 / 63W-VZL

Motor weight: 26 kg

Transmission ratio	i		77.9	88.2	102.6
Motor displacement	$V_{g\ max}$	cm ³	54.8	54.8	54.8
	$V_{g\ min}$	cm ³	0	0	0
Max. torque of parking brake	T_{Br}	Nm	250	200	200
Total displacement	$V_{g\ total}$	cm ³ /rev.	4272	4835	5624
Motor speed	at $V_{g\ max}$	n_1	rpm	4200	4200
	at $V_g < V_{g\ 1}$	n_1	rpm	4300	5600
	$V_{g\ 1}$	cm ³ /rev.	37	37	37
Output speed	at $V_{g\ max}$	n_2	rpm	53.9	47.6
	at $V_g < V_{g\ 1}$	n_2	rpm	55.2	55.5
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	230	230	230
Differential pressure	Δp	bar	250	221	190
Motor torque	$T_{1\ max}$	Nm	218	193	166
Output torque	$T_{2\ max}$	Nm	17000	17000	17000

GFT 17 T3 - A2FE 45 / 61W-VZL

Motor weight: 15 kg

Transmission ratio	i		77.9	88.2	102.6
Motor displacement	V_g	cm ³	45.6	45.6	45.6
Max. torque of parking brake	T_{Br}	Nm	250	200	200
Total displacement	$V_{g\ total}$	cm ³ /rev.	3554	4023	4679
Motor speed	n_1	rpm	4300	4900	5600
Output speed	n_2	rpm	55.2	55.5	54.6
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	196	223	255
Differential pressure	Δp	bar	301	266	228
Motor torque	$T_{1\ max}$	Nm	218	193	166
Output torque	$T_{2\ max}$	Nm	17000	17000	17000

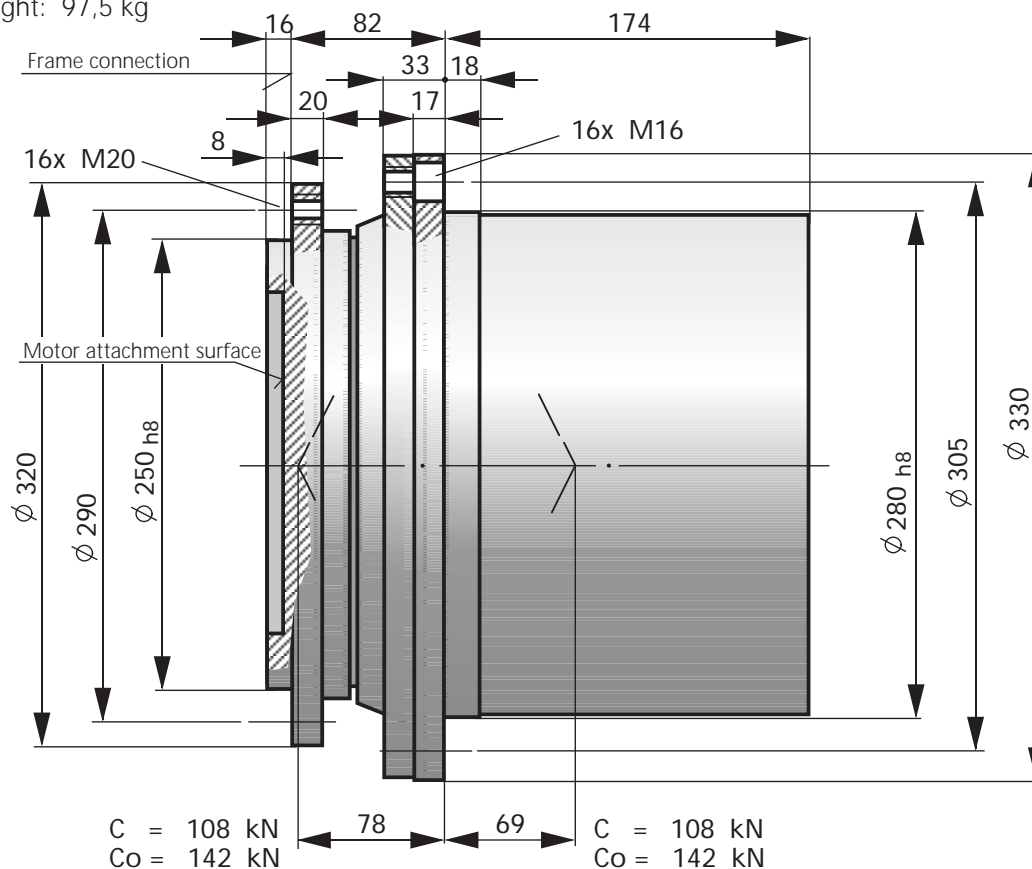
GFT 17 T3 - A2FE 56 / 61W-VZL

Motor weight: 18 kg

Transmission ratio	i		77.9	88.2	102.6
Motor displacement	V_g	cm ³	56.1	56.1	56.1
Max. torque of parking brake	T_{Br}	Nm	250	200	200
Total displacement	$V_{g\ total}$	cm ³ /rev.	4373	4950	5757
Motor speed	n_1	rpm	4300	4900	5000
Output speed	n_2	rpm	55.2	55.5	48.7
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	241	275	280
Differential pressure	Δp	bar	245	216	186
Motor torque	$T_{1\ max}$	Nm	218	193	166
Output torque	$T_{2\ max}$	Nm	17000	17000	17000

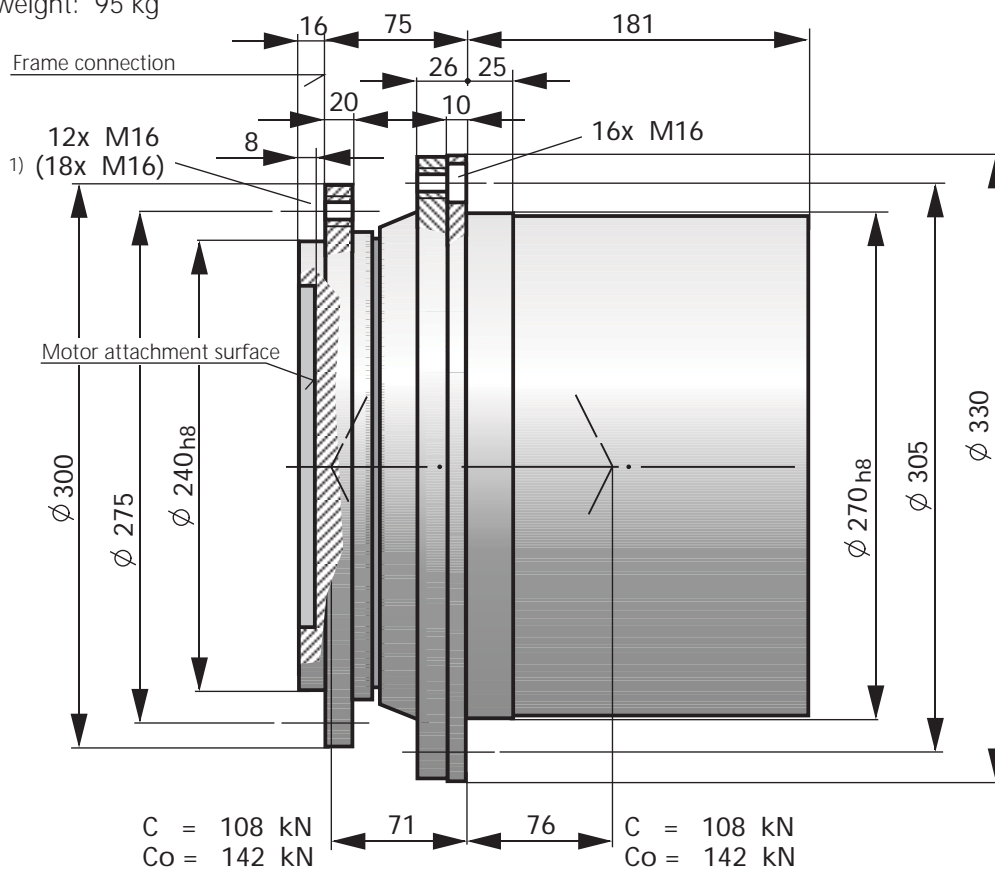
GFT 17 T3 2000/2

Gearbox weight: 97,5 kg



GFT 17 T3 5000

Gearbox weight: 95 kg



GFT 17 T3 2000/2 and 5000 – Technical Data

 (theoretical values, without consideration of η_{\min} and η_v ; values rounded)

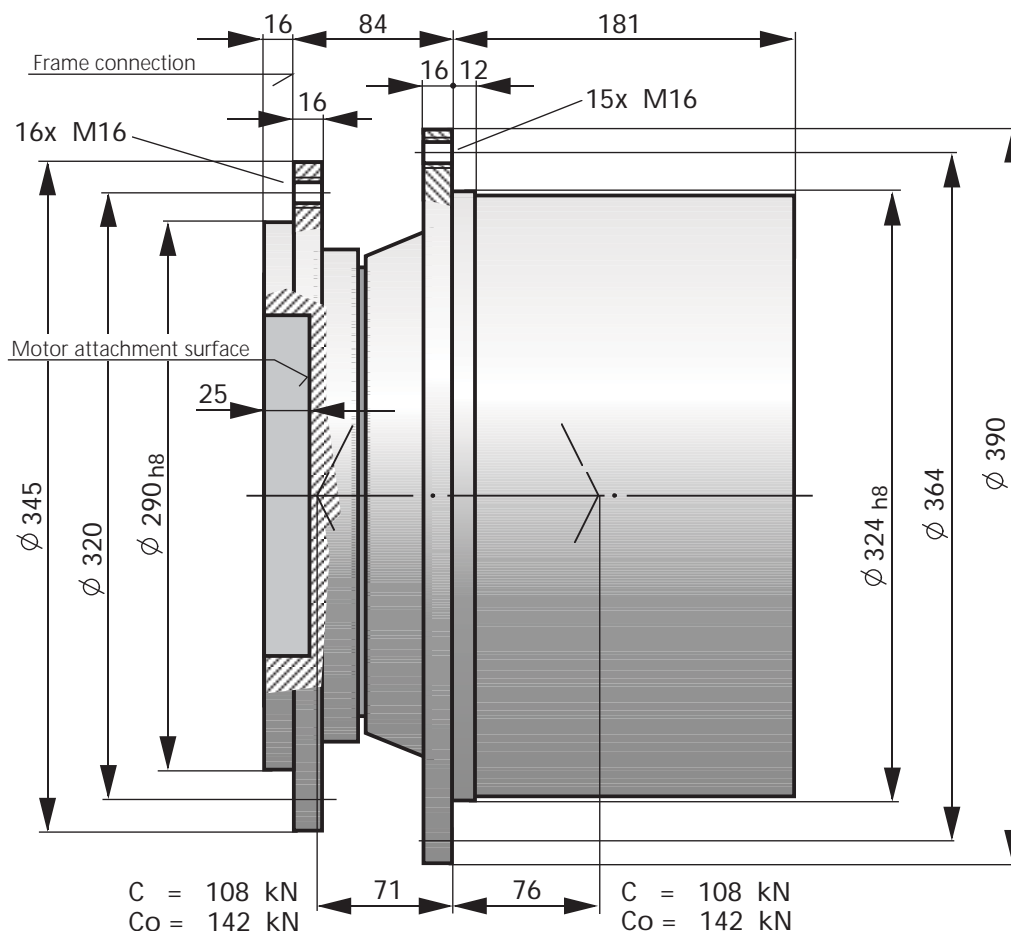
GFT 17 T3 - A10VEC 45 / 52W-PRF

Motor weight: 28 kg

Transmission ratio	i		77.9	88.2	102.6
Motor displacement	$V_{g \max}$	cm ³	45	45	45
	$V_{g \min}$	cm ³	12	12	12
Max. torque of parking brake	T_{Br}	Nm	250	200	200
Total displacement	$V_{g \text{ total}}$	cm ³ /rev.	3508	3970	4618
Motor speed	at $V_{g \max}$	n_1	rpm	3100	3100
	at $V_g < V_{g1}$	n_1	rpm	4000	4000
Output speed		V_{g1}	cm ³ /rev.	35	35
	at $V_{g \max}$	n_2	rpm	39.8	35.1
	at $V_g < V_{g1}$	n_2	rpm	51.3	45.3
Inlet flow rate at n_{\max}	$q_{v \max}$	l/min	140	140	140
Differential pressure	Δp	bar	305	269	232
Motor torque	$T_{1 \max}$	Nm	218	193	166
Output torque	$T_{2 \max}$	Nm	17000	17000	17000

GFT 17 T3 9000/1

Gearbox weight: 100 kg



GFT 17 T3 9000/1 – Technical Data

(theoretical values, without consideration of η_{min} and η_v ; values rounded)

GFT 17 T3 - A10VEC 45 / 52W-PRF

Motor weight: 28 kg

Transmission ratio	i		77.9	88.2	102.6
Motor displacement	$V_{g,max}$	cm ³	45	45	45
	$V_{g,min}$	cm ³	12	12	12
Max. torque of parking brake	T_{Br}	Nm	250	200	200
Total displacement	$V_{g,total}$	cm ³ /rev.	3508	3970	4618
Motor speed	at $V_{g,max}$	n_1	rpm	3100	3100
	at $V_g < V_{g1}$	n_1	rpm	4000	4000
Output speed		V_{g1}	cm ³ /rev.	35	35
	at $V_{g,max}$	n_2	rpm	39.8	35.1
	at $V_g < V_{g1}$	n_2	rpm	51.3	45.3
Inlet flow rate at n_{max}	$q_{v,max}$	l/min	140	140	140
Differential pressure	Δp	bar	305	269	232
Motor torque	$T_{1,max}$	Nm	218	193	166
Output torque	$T_{2,max}$	Nm	17000	17000	17000