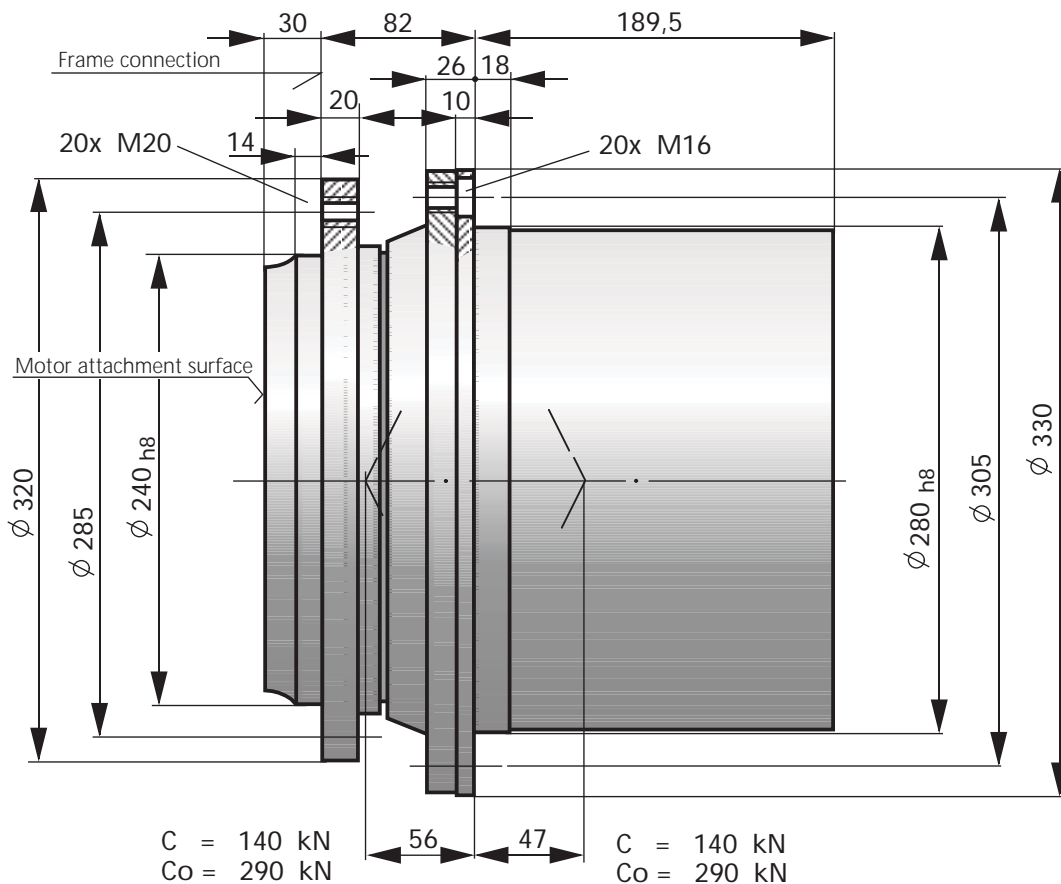


GFT 24 T3 1000

Gearbox weight: 105 kg



GFT 24 T3 1000 – Technical Data

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

GFT 24 T3 - A6VE 55 / 63W-VZL

Motor weight: 26 kg

Transmission ratio	i		90.1	102.6	120.5
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	300	250	200
Total displacement	$V_{g\ total}$	cm ³ /rev.	4939	5624	6603
Motor speed	at $V_{g\ max}$	n_1	rpm	4100	4200
	at $V_g < V_{g\ 1}$	n_1	rpm	4100	5600
		$V_{g\ 1}$	cm ³ /rev.	37	37
Output speed	at $V_{g\ max}$	n_2	rpm	45.5	40.9
	at $V_g < V_{g\ 1}$	n_2	rpm	45.5	47.3
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	225	230	230
Differential pressure	Δp	bar	306	268	229
Motor torque	$T_{1\ max}$	Nm	266	234	199
Output torque	$T_{2\ max}$	Nm	24000	24000	24000

GFT 24 T3 - A2FE 45 / 61W-VZL

Motor weight: 15 kg

Transmission ratio	i		90.1	102.6	120.5
Motor displacement	V_g	cm ³	45.6	45.6	45.6
Max. torque of parking brake	T_{Br}	Nm	300	250	200
Total displacement	$V_{g\ total}$	cm ³ /rev.	4110	4680	5495
Motor speed	n_1	rpm	4100	4850	5600
Output speed	n_2	rpm	45.5	47.3	46.5
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	187	221	255
Differential pressure	Δp	bar	367	323	275
Motor torque	$T_{1\ max}$	Nm	266	234	199
Output torque	$T_{2\ max}$	Nm	24000	24000	24000

GFT 24 T3 - A2FE 56 / 61W-VZL

Motor weight: 18 kg

Transmission ratio	i		90.1	102.6	120.5
Motor displacement	V_g	cm ³	56.1	56.1	56.1
Max. torque of parking brake	T_{Br}	Nm	300	250	200
Total displacement	$V_{g\ total}$	cm ³ /rev.	5056	5758	6760
Motor speed	n_1	rpm	4100	4850	5000
Output speed	n_2	rpm	45.5	47.3	41.5
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	230	272	280
Differential pressure	Δp	bar	299	262	223
Motor torque	$T_{1\ max}$	Nm	266	234	199
Output torque	$T_{2\ max}$	Nm	24000	24000	24000

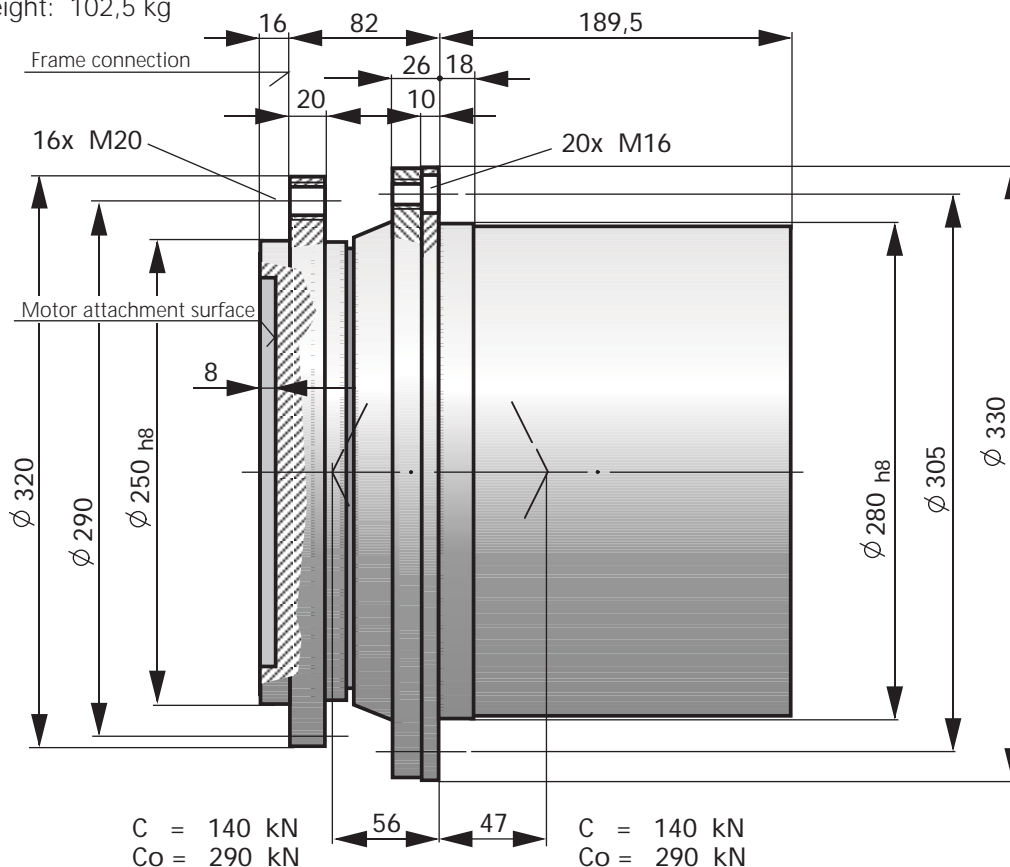
GFT 24 T2 - A2FE 63 / 61W-VZL

Motor weight: 19 kg

Transmission ratio	i		90.1	102.6	120.5
Motor displacement	V_g	cm ³	63	63	63
Max. torque of parking brake	T_{Br}	Nm	300	250	200
Total displacement	$V_{g\ total}$	cm ³ /rev.	5678	6466	7592
Motor speed	n_1	rpm	4100	4850	5000
Output speed	n_2	rpm	45.5	47.3	41.5
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	258	306	315
Differential pressure	Δp	bar	266	233	199
Motor torque	$T_{1\ max}$	Nm	266	234	199
Output torque	$T_{2\ max}$	Nm	24000	24000	24000

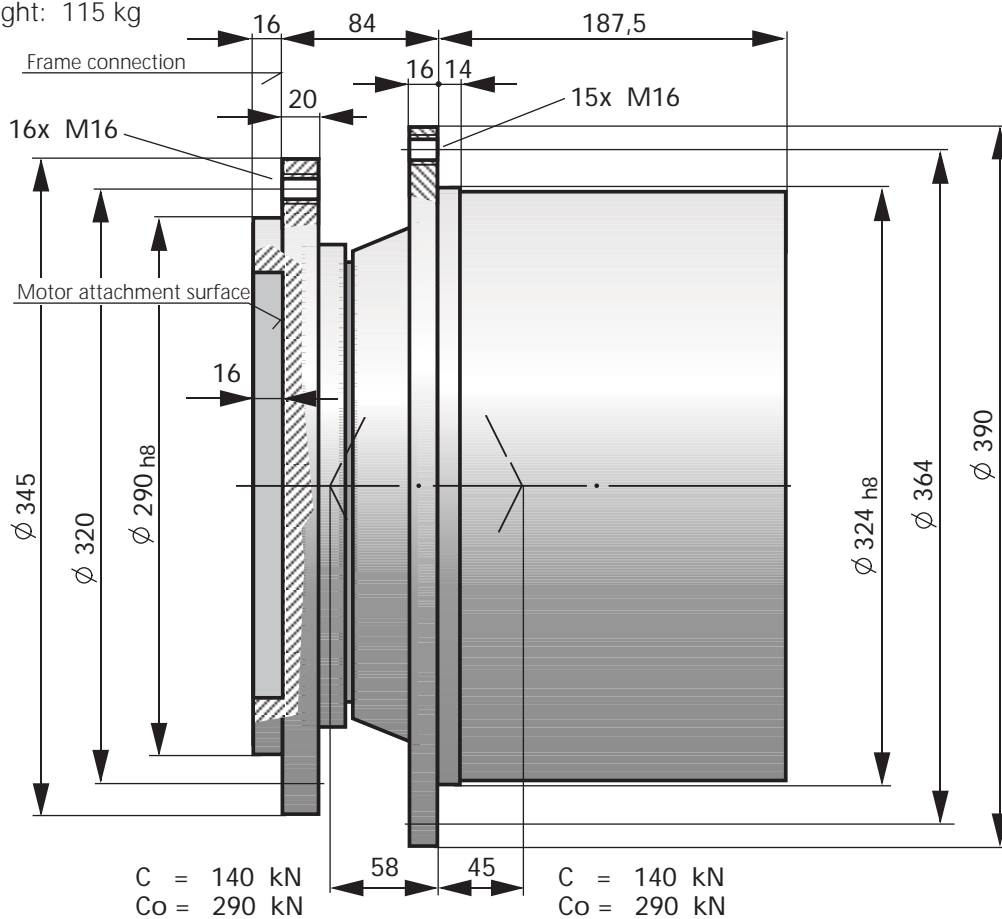
GFT 24 T3 2000

Gearbox weight: 102,5 kg



GFT 24 T3 3000/1

Gearbox weight: 115 kg



GFT 24 T3 2000 and 3000/1 – Technical Data

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

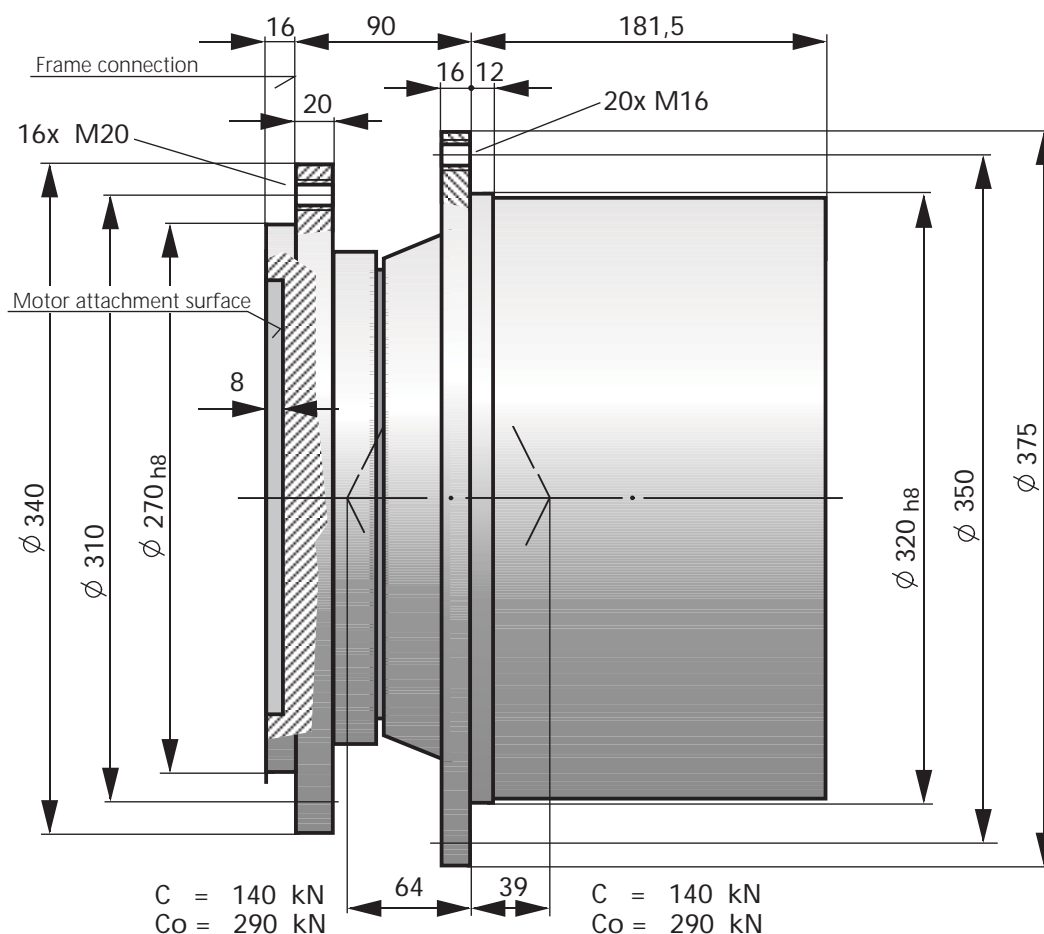
GFT 24 T3 - A10VEC 45 / 52W-PRF

Motor weight: 28 kg

Transmission ratio			i	90.1	102.6	120.5
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	250	200	
Total displacement	$V_{g \text{ total}}$	cm ³ /rev.	4056	4618	5423	
Motor speed	at $V_{g \max}$	n_1	rpm	3100	3100	3100
	at $V_g < V_{g1}$	n_1	rpm	4000	4000	4000
		V_{g1}	cm ³ /rev.	35	35	35
Output speed	at $V_{g \max}$	n_2	rpm	34.4	30.2	25.7
	at $V_g < V_{g1}$	n_2	rpm	44.4	39.0	33.2
Inlet flow rate at n_{\max}	$q_{v \max}$	l/min	140	140	140	
Differential pressure	Δp	bar	330	327	278	
Motor torque	$T_{1 \max}$	Nm	236	234	199	
Output torque	$T_{2 \max}$	Nm	21280	24000	24000	

GFT 24 T3 9000/1

Gearbox weight: 107,5 kg


GFT 24 T3 9000/1 – Technical Data

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

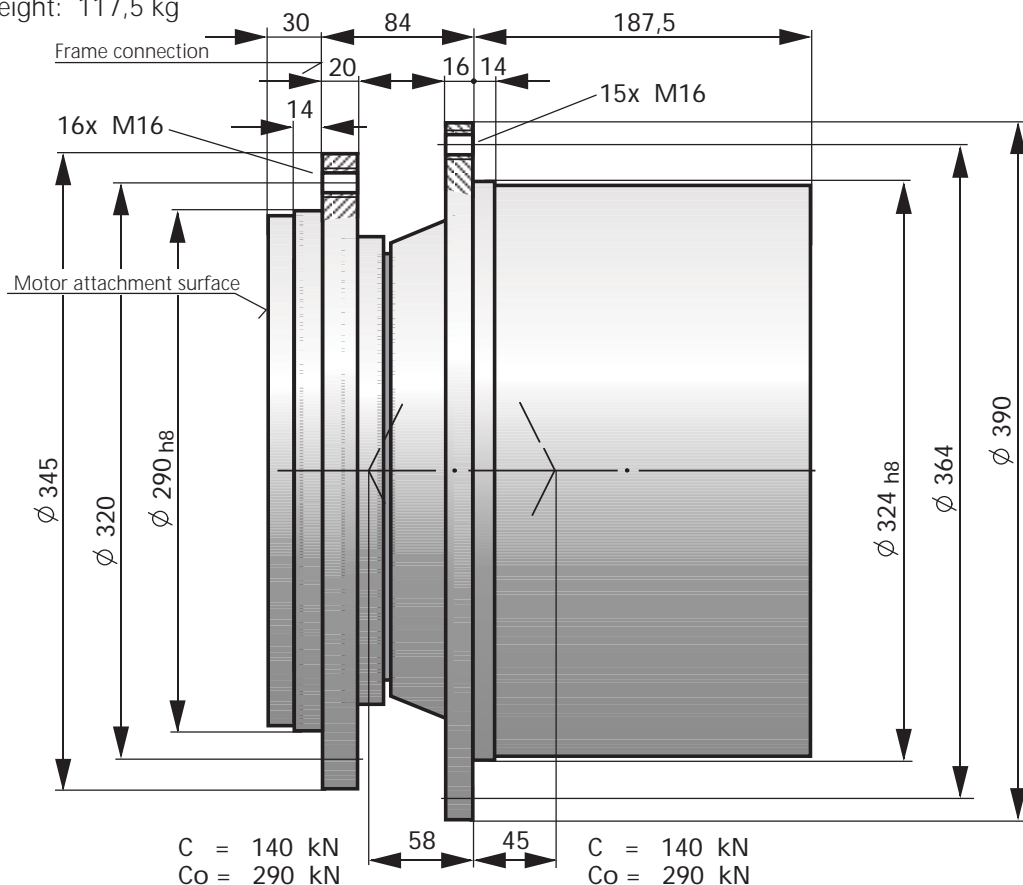
GFT 24 T3 - A10VEC 45 / 52W-PRF

Motor weight: 28 kg

Transmission ratio	i		90.1	102.6	120.5	
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	250	200	
Total displacement	$V_{g \text{ total}}$	cm ³ /rev.	4056	4618	5423	
Motor speed	at $V_{g \max}$	n_1	rpm	3100	3100	
	at $V_g < V_{g1}$	n_1	rpm	4000	4000	4000
Output speed		V_{g1}	cm ³ /rev.	35	35	
	at $V_{g \max}$	n_2	rpm	34.4	30.2	25.7
	at $V_g < V_{g1}$	n_2	rpm	44.4	39.0	33.2
Inlet flow rate at n_{\max}	$q_{v \max}$	l/min	140	140	140	
Differential pressure	Δp	bar	330	327	278	
Motor torque	$T_{1 \max}$	Nm	236	234	199	
Output torque	$T_{2 \max}$	Nm	21280	24000	24000	

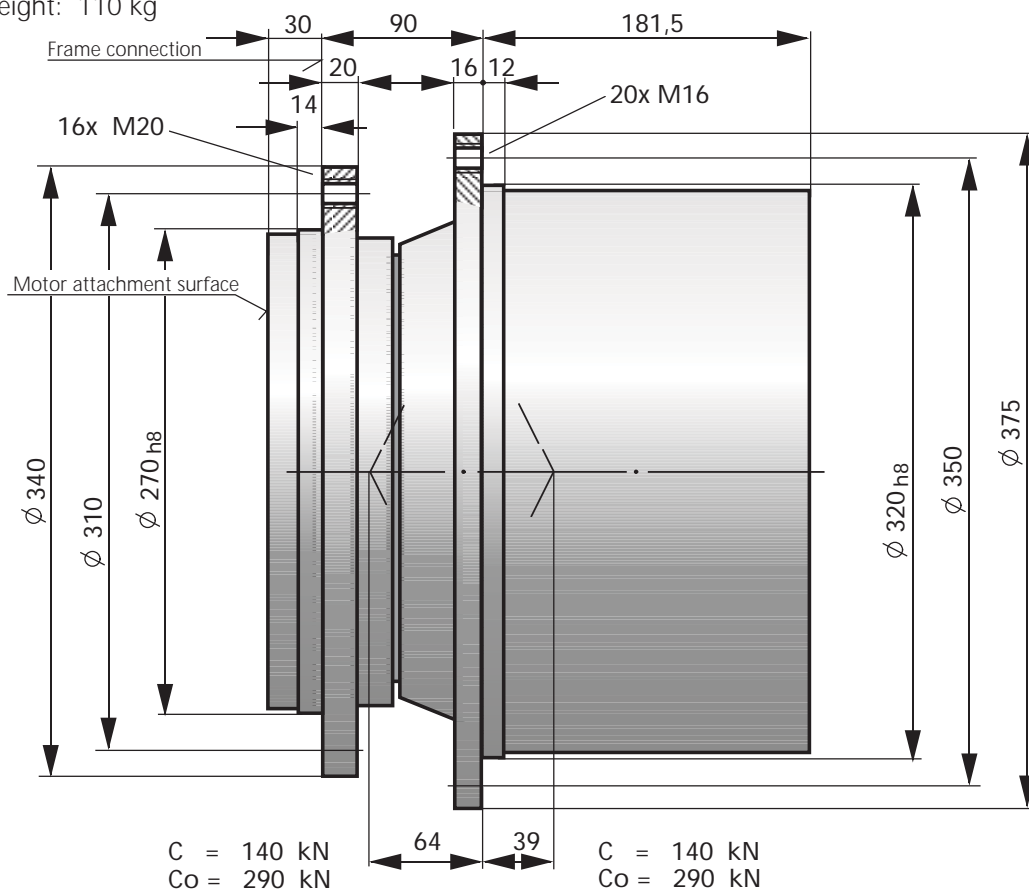
GFT 24 T3 3000/2

Gearbox weight: 117,5 kg



GFT 24 T3 9000/4

Gearbox weight: 110 kg



GFT 24 T3 3000/2 and 9000/4 – Technical Data

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

GFT 24 T3 - A6VE 55 / 63W-VZL

Motor weight: 26 kg

Transmission ratio	i		90.1	102.6	120.5
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	300	250	200
Total displacement	$V_{g\ total}$	cm ³ /rev.	4939	5624	6603
Motor speed	at $V_{g\ max}$	n_1	rpm	4100	4200
	at $V_g < V_{g\ 1}$	n_1	rpm	4100	5600
		$V_{g\ 1}$	cm ³ /rev.	37	37
Output speed	at $V_{g\ max}$	n_2	rpm	45.5	40.9
	at $V_g < V_{g\ 1}$	n_2	rpm	45.5	47.3
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	225	230	230
Differential pressure	Δp	bar	306	268	229
Motor torque	$T_{1\ max}$	Nm	266	234	199
Output torque	$T_{2\ max}$	Nm	24000	24000	24000

GFT 24 T3 - A2FE 45 / 61W-VZL

Motor weight: 15 kg

Transmission ratio	i		90.1	102.6	120.5
Motor displacement	V_g	cm ³	45.6	45.6	45.6
Max. torque of parking brake	T_{Br}	Nm	300	250	200
Total displacement	$V_{g\ total}$	cm ³ /rev.	4110	4680	5495
Motor speed	n_1	rpm	4100	4850	5600
Output speed	n_2	rpm	45.5	47.3	46.5
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	187	221	255
Differential pressure	Δp	bar	367	323	275
Motor torque	$T_{1\ max}$	Nm	266	234	199
Output torque	$T_{2\ max}$	Nm	24000	24000	24000

GFT 24 T3 - A2FE 56 / 61W-VZL

Motor weight: 18 kg

Transmission ratio	i		90.1	102.6	120.5
Motor displacement	V_g	cm ³	56.1	56.1	56.1
Max. torque of parking brake	T_{Br}	Nm	300	250	200
Total displacement	$V_{g\ total}$	cm ³ /rev.	5056	5758	6760
Motor speed	n_1	rpm	4100	4850	5000
Output speed	n_2	rpm	45.5	47.3	41.5
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	230	272	280
Differential pressure	Δp	bar	299	262	223
Motor torque	$T_{1\ max}$	Nm	266	234	199
Output torque	$T_{2\ max}$	Nm	24000	24000	24000

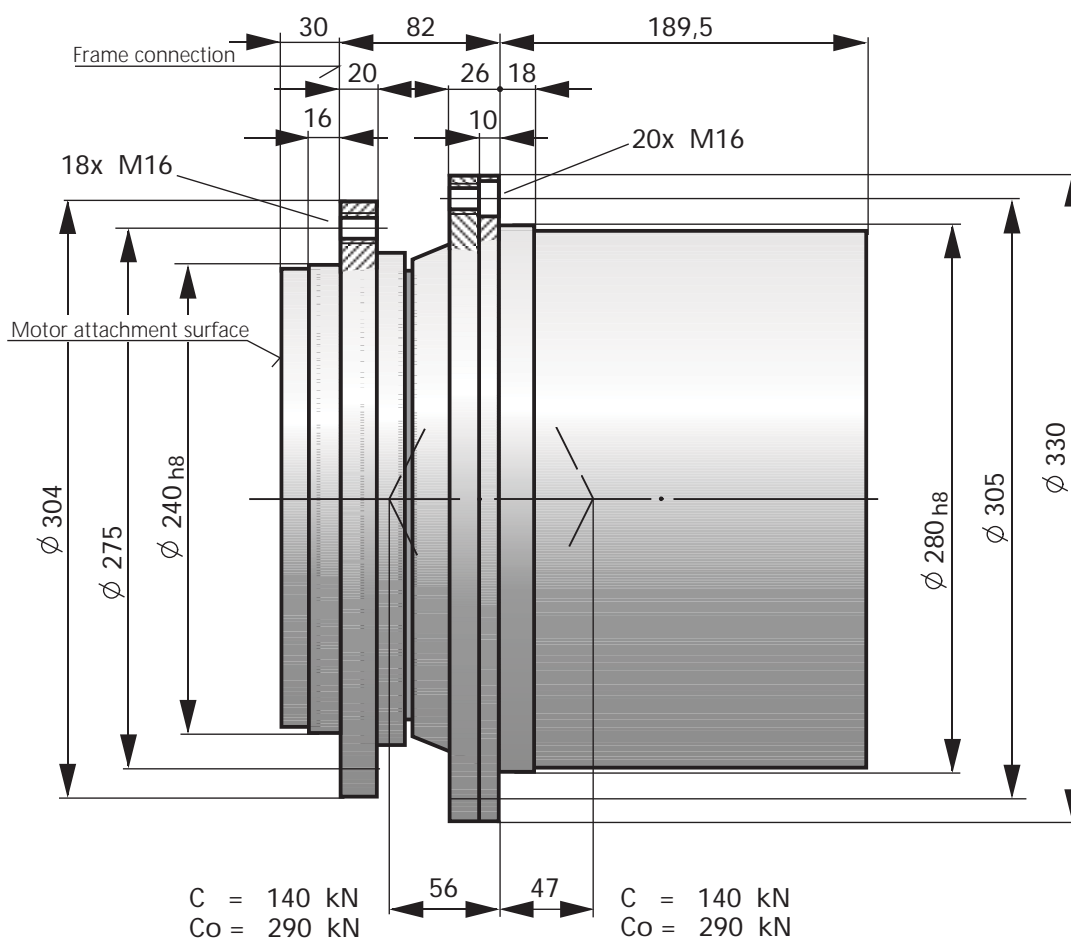
GFT 24 T3 - A2FE 63 / 61W-VZL

Motor weight: 19 kg

Transmission ratio	i		90.1	102.6	120.5
Motor displacement	V_g	cm ³	63	63	63
Max. torque of parking brake	T_{Br}	Nm	300	250	200
Total displacement	$V_{g\ total}$	cm ³ /rev.	5678	6466	7592
Motor speed	n_1	rpm	4100	4850	5000
Output speed	n_2	rpm	45.5	47.3	41.5
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	258	306	315
Differential pressure	Δp	bar	266	233	199
Motor torque	$T_{1\ max}$	Nm	266	234	199
Output torque	$T_{2\ max}$	Nm	24000	24000	24000

GFT 24 T3 5000/1

Gearbox weight: 105 kg


GFT 24 T3 5000/1 – Technical Data

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

GFT 24 T3 - A10VEC 60 / 52W-PRF

Motor weight: 34 kg

Transmission ratio	i		90.1	102.6	120.5	
Motor displacement	$V_{g \max}$	cm ³	63	63	63	
	$V_{g \min}$	cm ³	16	16	16	
Max. torque of parking brake	T_{Br}	Nm	300	250	200	
Total displacement	$V_{g \text{ total}}$	cm ³ /rev.	5678	6466	7592	
Motor speed	at $V_{g \max}$	n_1	rpm	2700	2700	
	at $V_{g} < V_{g1}$	n_1	rpm	3600	3600	3600
Output speed	V_{g1}	cm ³ /rev.	47	47	47	
	at $V_{g \max}$	n_2	rpm	30.0	26.3	22.4
	at $V_{g} < V_{g1}$	n_2	rpm	39.9	35.1	29.9
Inlet flow rate at n_{\max}	$q_{v \max}$	l/min	170	170	170	
Differential pressure	Δp	bar	266	233	199	
Motor torque	$T_{1 \max}$	Nm	266	234	199	
Output torque	$T_{2 \max}$	Nm	24000	24000	24000	