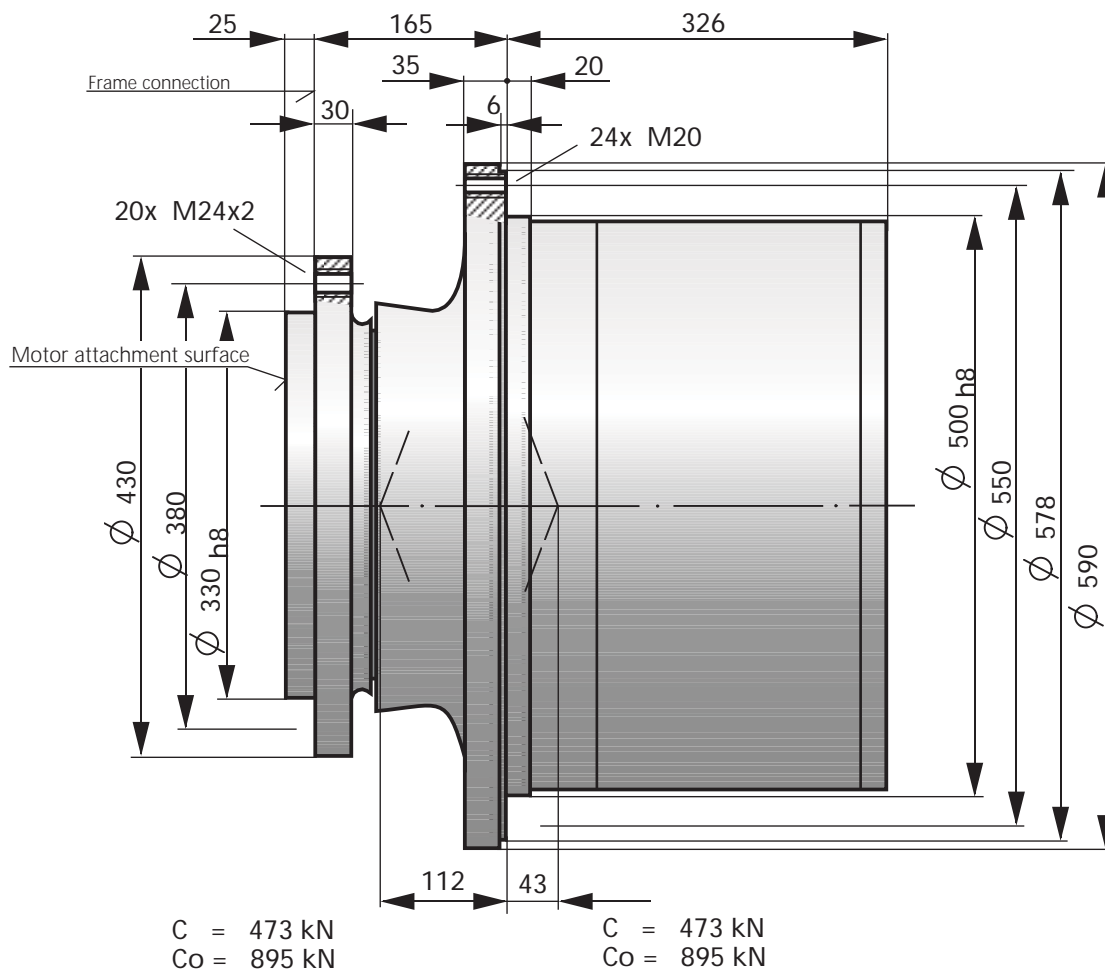


GFT 80 T2 1000

Gearbox weight: 490 kg



GFT 80 T2 1000 – Technical Data

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

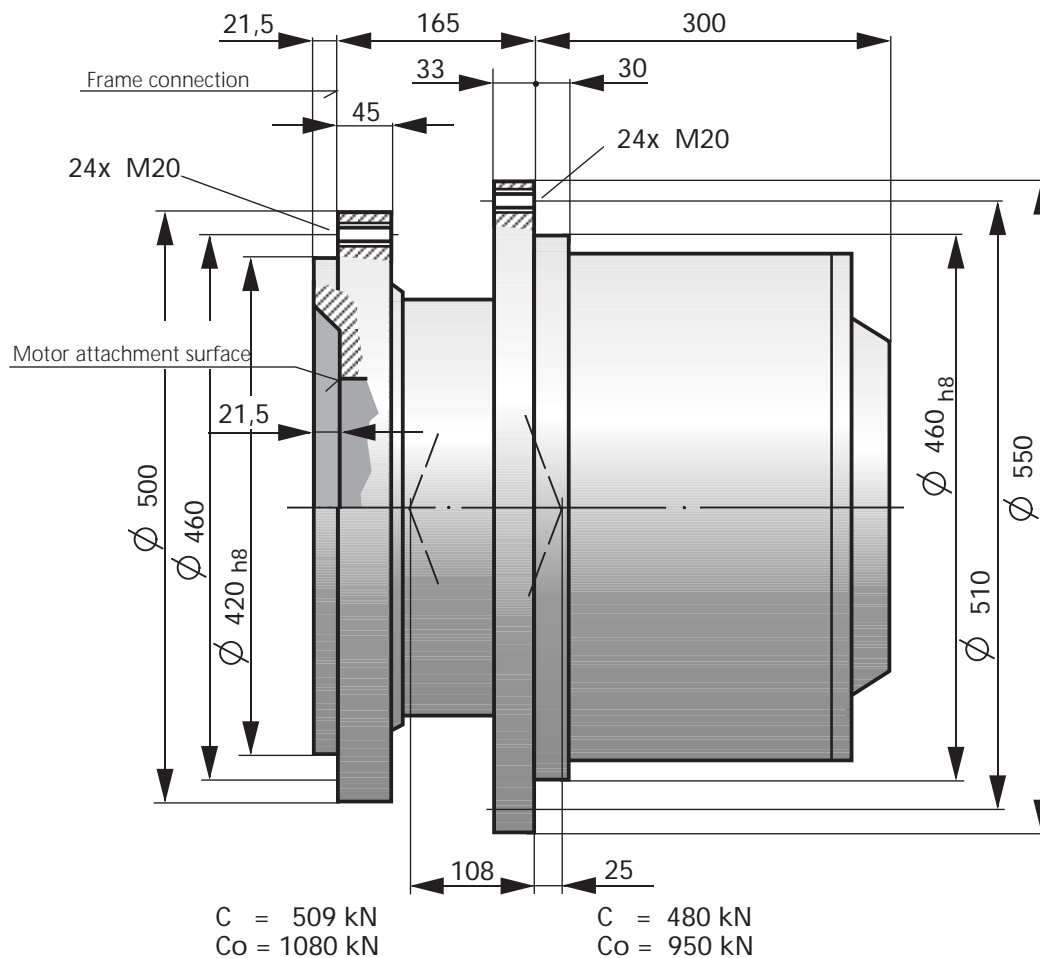
GFT 80 T2 - A6VM 200 / 63W-VAB

Motor weight: 80 kg

Transmission ratio	i		55.5
Motor displacement	$V_{g \max}$	cm^3	200
	$V_{g \min}$	cm^3	0
Max. torque of parking brake	T_{Br}	Nm	1350
Total displacement	$V_{g \text{ total}}$	$\text{cm}^3/\text{rev.}$	11107
Motor speed	at $V_{g \max}$	n_1	rpm
	at $V_g < V_{g1}$	n_1	rpm
		V_{g1}	$\text{cm}^3/\text{rev.}$
Output speed	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	550
Differential pressure	Δp	bar	450
Motor torque	$T_{1 \max}$	Nm	1431
Output torque	$T_{2 \max}$	Nm	79468

GFT 80 T3 1000

Gearbox weight: 370 kg



GFT 80 T3 1000 – Technical Data

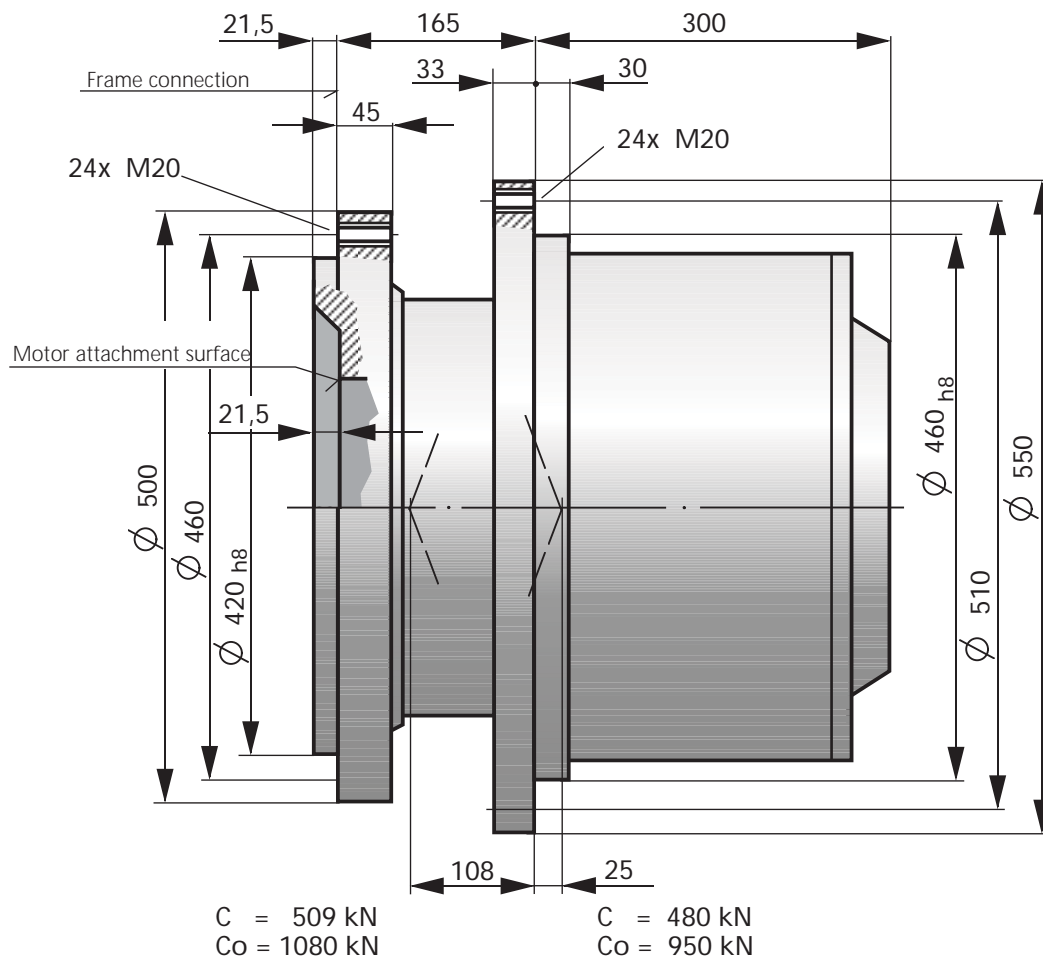
(theoretical values, without consideration of η_{\min} and η_v ; values rounded)

GFT 80 T3 - A6VE 107 / 63W-VZL			Motor weight: 45 kg						
Transmission ratio	i		76.7	99.0	110.9	126.9	149.9	185.4	
Motor displacement	$V_{g \max}$	cm ³	107	107	107	107	107	107	
	$V_{g \min}$	cm ³	0	0	0	0	0	0	
Max. torque of parking brake	T_{Br}	Nm	1025	1025	1025	740	740	740	
Total displacement	$V_{g \text{ total}}$	cm ³ /rev.	8205	10590	11862	13583	16041	19841	
Motor speed	at $V_{g \max}$	n_1	rpm	3000	3300	3300	3300	3300	3300
	at $V_g < V_{g1}$	n_1	rpm	3000	4000	4500	4500	4500	4500
		V_{g1}	cm ³ /rev.	71	71	71	71	71	71
Output speed	at $V_{g \max}$	n_2	rpm	39.1	33.3	29.8	26.0	22.0	17.8
	at $V_g < V_{g1}$	n_2	rpm	39.1	40.4	40.6	35.4	30.0	24.3
Inlet flow rate at n_{\max}	$q_{v \max}$	l/min	321	353	353	353	353	353	
Differential pressure	Δp	bar	450	450	424	370	314	254	
Motor torque	$T_{1 \max}$	Nm	766	766	722	630	534	431	
Output torque	$T_{2 \max}$	Nm	58704	75769	80000	80000	80000	80000	

GFT 80 T3 - A6VE 160 / 63W-VZL			Motor weight: 64 kg						
Transmission ratio	i		76.7	99.0	110.9	126.9	149.9	185.4	
Motor displacement	$V_{g \max}$	cm ³	160	160	160	160	160	160	
	$V_{g \min}$	cm ³	0	0	0	0	0	0	
Max. torque of parking brake	T_{Br}	Nm	1025	1025	1025	740	740	740	
Total displacement	$V_{g \text{ total}}$	cm ³ /rev.	12269	15835	17737	20311	23987	29669	
Motor speed	at $V_{g \max}$	n_1	rpm	3000	3000	3000	3000	3000	3000
	at $V_g < V_{g1}$	n_1	rpm	3000	4000	4500	4500	4500	4500
		V_{g1}	cm ³ /rev.	107	107	107	107	107	107
Output speed	at $V_{g \max}$	n_2	rpm	39.1	30.3	27.1	23.6	20.0	16.2
	at $V_g < V_{g1}$	n_2	rpm	39.1	40.4	40.6	35.4	30.0	24.3
Inlet flow rate at n_{\max}	$q_{v \max}$	l/min	480	480	480	480	480	480	
Differential pressure	Δp	bar	410	318	284	248	210	170	
Motor torque	$T_{1 \max}$	Nm	1043	808	722	630	534	431	
Output torque	$T_{2 \max}$	Nm	80000	80000	80000	80000	80000	80000	

GFT 80 T3 1000

Gearbox weight: 370 kg



GFT 80 T3 1000 – Technical Data

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

GFT 80 T3 - A2FE 107 / 61W-VZL

Motor weight: 34 kg

Transmission ratio	i		76.7	99.0	110.9	126.9	149.9	185.4
Motor displacement	V_g	cm ³	106.7	106.7	106.7	106.7	106.7	106.7
Max. torque of parking brake	T_{Br}	Nm	1025	1025	1025	740	740	740
Total displacement	$V_{g\ total}$	cm ³ /rev.	8182	10560	11828	13545	15996	19785
Motor speed	n_1	rpm	3000	4000	4000	4000	4000	4000
Output speed	n_2	rpm	39.1	40.4	36.1	31.5	26.7	21.6
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	320	427	427	427	427	427
Differential pressure	Δp	bar	450	450	425	371	315	254
Motor torque	$T_{1\ max}$	Nm	763	763	722	630	534	431
Output torque	$T_{2\ max}$	Nm	58539	75557	80000	80000	80000	80000

GFT 80 T3 - A2FE 125 / 61W-VZL

Motor weight: 36 kg

Transmission ratio	i		76.7	99.0	110.9	126.9	149.9	185.4
Motor displacement	V_g	cm ³	125	125	125	125	125	125
Max. torque of parking brake	T_{Br}	Nm	1025	1025	1025	740	740	740
Total displacement	$V_{g\ total}$	cm ³ /rev.	9585	12371	13857	15868	18740	23179
Motor speed	n_1	rpm	3000	4000	4000	4000	4000	4000
Output speed	n_2	rpm	39.1	40.4	36.1	31.5	26.7	21.6
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	375	500	500	500	500	500
Differential pressure	Δp	bar	450	407	363	317	268	217
Motor torque	$T_{1\ max}$	Nm	894	808	722	630	534	431
Output torque	$T_{2\ max}$	Nm	68579	80000	80000	80000	80000	80000

GFT 80 T3 - A2FE 160 / 61W-VZL

Motor weight: 47 kg

Transmission ratio	i		76.7	99.0	110.9	126.9	149.9	185.4
Motor displacement	V_g	cm ³	160.4	160.4	160.4	160.4	160.4	160.4
Max. torque of parking brake	T_{Br}	Nm	1025	1025	1025	740	740	740
Total displacement	$V_{g\ total}$	cm ³ /rev.	12299	15875	17781	20361	24047	29743
Motor speed	n_1	rpm	3000	3600	3600	3600	3600	3600
Output speed	n_2	rpm	39.1	36.4	32.5	28.4	24.0	19.4
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	481	577	577	577	577	577
Differential pressure	Δp	bar	409	317	283	247	209	169
Motor torque	$T_{1\ max}$	Nm	1043	808	722	630	534	431
Output torque	$T_{2\ max}$	Nm	80000	80000	80000	80000	80000	80000

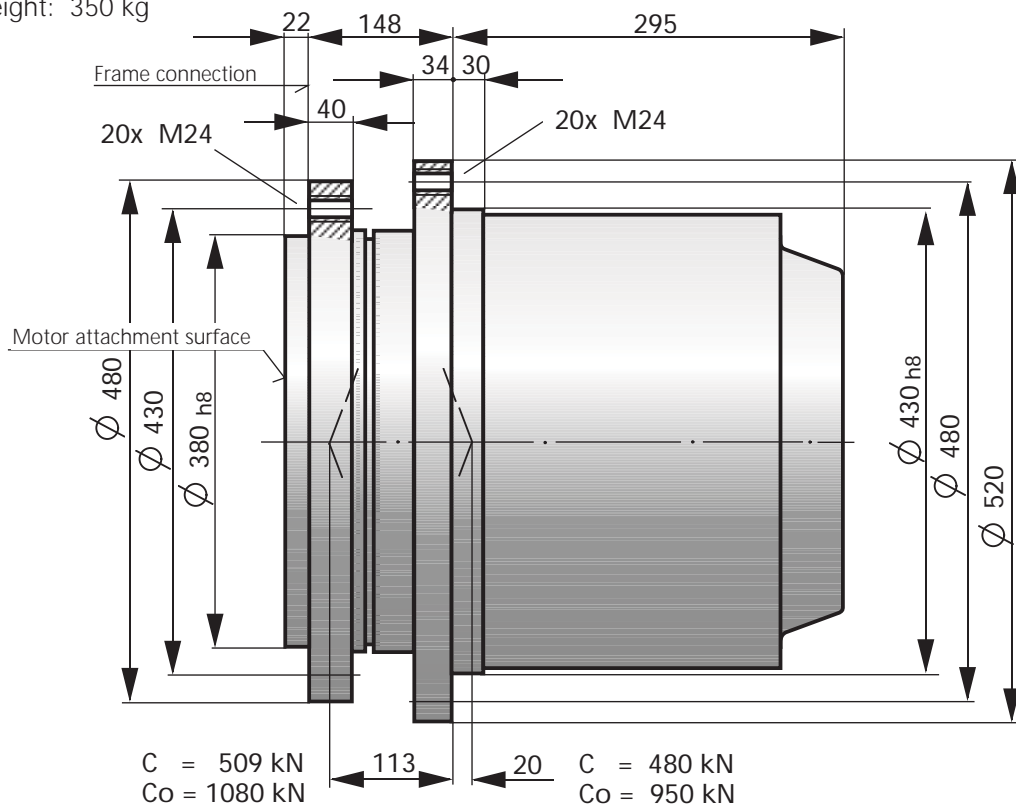
GFT 80 T3 - A2FE 180 / 61W-VZL

Motor weight: 48 kg

Transmission ratio	i		76.7	99.0	110.9	126.9	149.9	185.4
Motor displacement	V_g	cm ³	180	180	180	180	180	180
Max. torque of parking brake	T_{Br}	Nm	1025	1025	1025	740	740	740
Total displacement	$V_{g\ total}$	cm ³ /rev.	13802	17814	19954	22849	26985	33377
Motor speed	n_1	rpm	3000	3600	3600	3600	3600	3600
Output speed	n_2	rpm	39.1	36.4	32.5	28.4	24.0	19.4
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	405	405	405	405	405	405
Differential pressure	Δp	bar	365	282	252	220	186	151
Motor torque	$T_{1\ max}$	Nm	1043	808	722	630	534	431
Output torque	$T_{2\ max}$	Nm	80000	80000	80000	80000	80000	80000

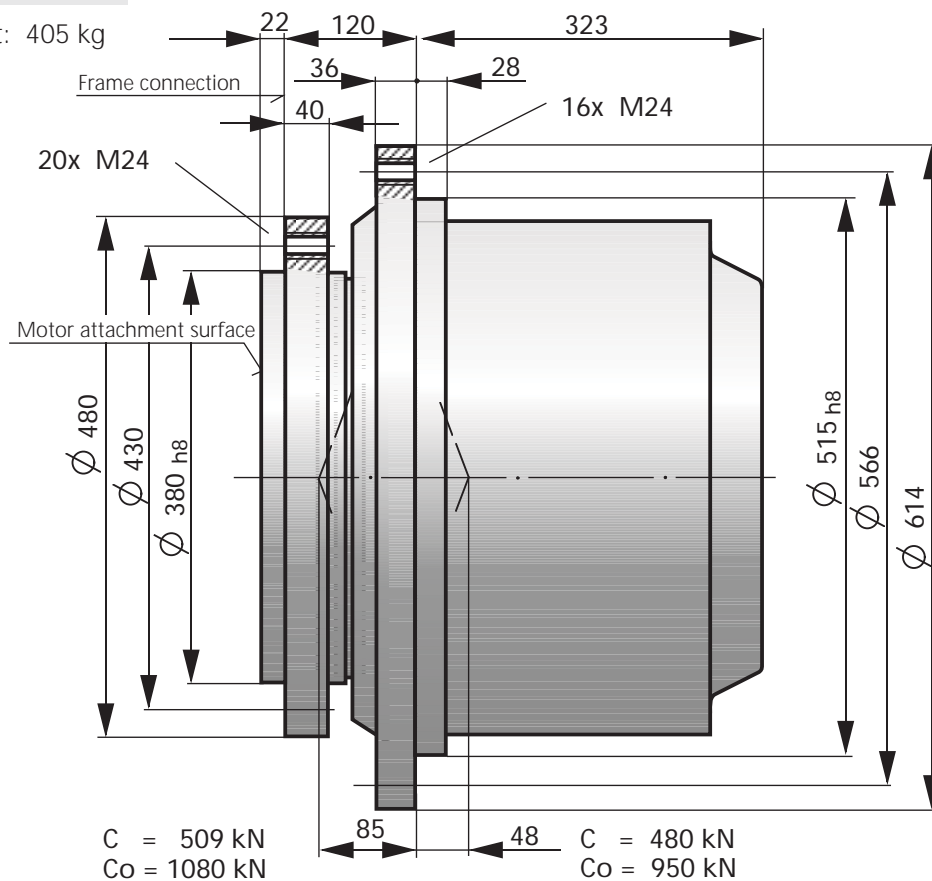
GFT 80 T3 2000

Gearbox weight: 350 kg



GFT 80 T3 9000

Gearbox weight: 405 kg



GFT 80 T3 2000 and 9000 – Technical Data

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

GFT 80 T3 - A6VE 107 / 63W-VZL

Motor weight: 45 kg

Transmission ratio	i		76.7	99.0	110.9	126.9	149.9	185.4
Motor displacement	$V_{g \max}$	cm ³	107	107	107	107	107	107
	$V_{g \min}$	cm ³	0	0	0	0	0	0
Max. torque of parking brake	T_{Br}	Nm	1025	1025	1025	740	740	740
Total displacement	$V_{g \text{ total}}$	cm ³ /rev.	8205	10590	11862	13583	16041	19841
Motor speed	at $V_{g \max}$	n_1	rpm	3000	3300	3300	3300	3300
	at $V_g < V_{g1}$	n_1	rpm	3000	4000	4500	4500	4500
		V_{g1}	cm ³ /rev.	71	71	71	71	71
Output speed	at $V_{g \max}$	n_2	rpm	39.1	33.3	29.8	26.0	22.0
	at $V_g < V_{g1}$	n_2	rpm	39.1	40.4	40.6	35.4	30.0
Inlet flow rate at n_{\max}	$q_{v \max}$	l/min	321	353	353	353	353	353
Differential pressure	Δp	bar	450	450	424	370	314	254
Motor torque	$T_{1 \max}$	Nm	766	766	722	630	534	431
Output torque	$T_{2 \max}$	Nm	58704	75769	80000	80000	80000	80000

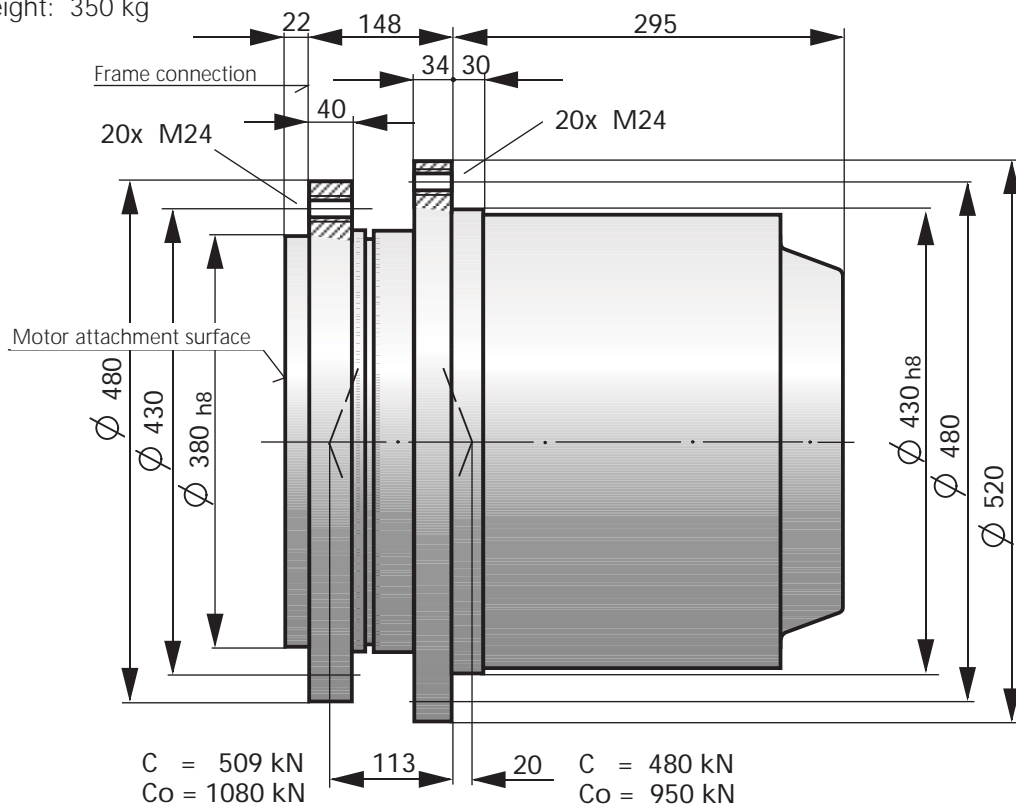
GFT 80 T3 - A6VE 160 / 63W-VZL

Motor weight: 64 kg

Transmission ratio	i		76.7	99.0	110.9	126.9	149.9	185.4
Motor displacement	$V_{g \max}$	cm ³	160	160	160	160	160	160
	$V_{g \min}$	cm ³	0	0	0	0	0	0
Max. torque of parking brake	T_{Br}	Nm	1025	1025	1025	740	740	740
Total displacement	$V_{g \text{ total}}$	cm ³ /rev.	12269	15835	17737	20311	23987	29669
Motor speed	at $V_{g \max}$	n_1	rpm	3000	3000	3000	3000	3000
	at $V_g < V_{g1}$	n_1	rpm	3000	4000	4500	4500	4500
		V_{g1}	cm ³ /rev.	107	107	107	107	107
Output speed	at $V_{g \max}$	n_2	rpm	39.1	30.3	27.1	23.6	20.0
	at $V_g < V_{g1}$	n_2	rpm	39.1	40.4	40.6	35.4	30.0
Inlet flow rate at n_{\max}	$q_{v \max}$	l/min	480	480	480	480	480	480
Differential pressure	Δp	bar	410	318	284	248	210	170
Motor torque	$T_{1 \max}$	Nm	1043	808	722	630	534	431
Output torque	$T_{2 \max}$	Nm	80000	80000	80000	80000	80000	80000

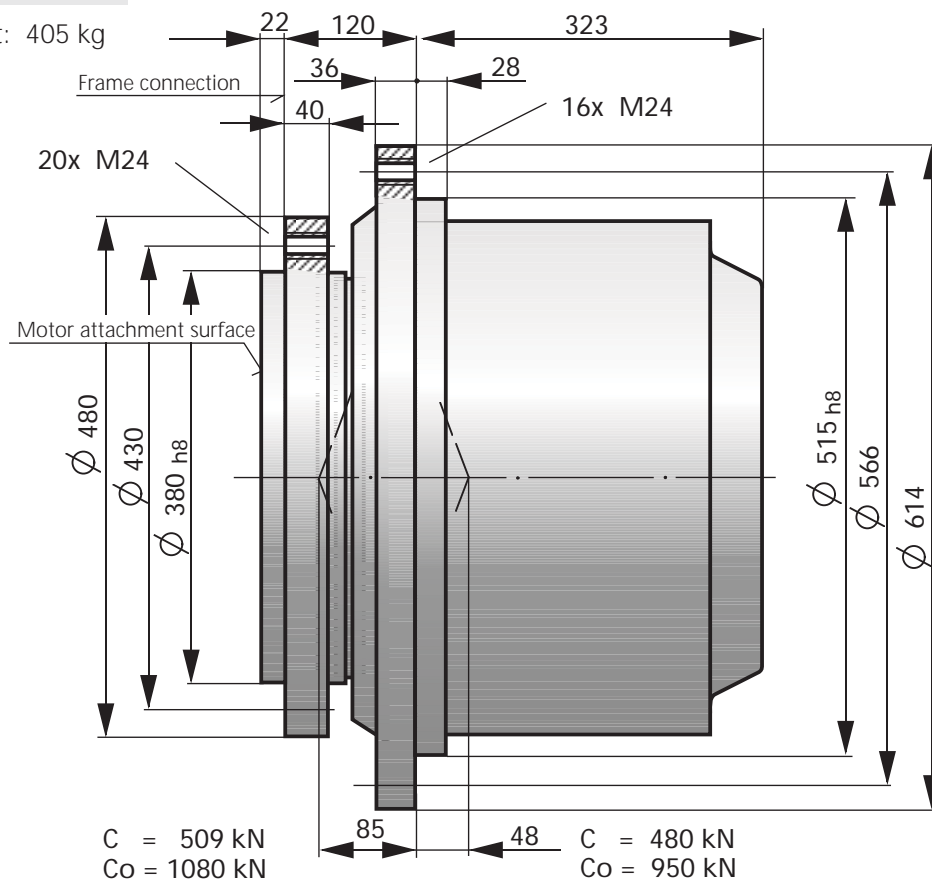
GFT 80 T3 2000

Gearbox weight: 350 kg



GFT 80 T3 9000

Gearbox weight: 405 kg



GFT 80 T3 2000 and 9000 – Technical Data

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

GFT 80 T3 - A2FE 107 / 61W-VZL

Motor weight: 34 kg

Transmission ratio	i		76.7	99.0	110.9	126.9	149.9	185.4
Motor displacement	V_g	cm ³	106.7	106.7	106.7	106.7	106.7	106.7
Max. torque of parking brake	T_{Br}	Nm	1025	1025	1025	740	740	740
Total displacement	$V_{g\ total}$	cm ³ /rev.	8182	10560	11828	13545	15996	19785
Motor speed	n_1	rpm	3000	4000	4000	4000	4000	4000
Output speed	n_2	rpm	39.1	40.4	36.1	31.5	26.7	21.6
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	320	427	427	427	427	427
Differential pressure	Δp	bar	450	450	425	371	315	254
Motor torque	$T_{1\ max}$	Nm	763	763	722	630	534	431
Output torque	$T_{2\ max}$	Nm	58539	75557	80000	80000	80000	80000

GFT 80 T3 - A2FE 125 / 61W-VZL

Motor weight: 36 kg

Transmission ratio	i		76.7	99.0	110.9	126.9	149.9	185.4
Motor displacement	V_g	cm ³	125	125	125	125	125	125
Max. torque of parking brake	T_{Br}	Nm	1025	1025	1025	740	740	740
Total displacement	$V_{g\ total}$	cm ³ /rev.	9585	12371	13857	15868	18740	23179
Motor speed	n_1	rpm	3000	4000	4000	4000	4000	4000
Output speed	n_2	rpm	39.1	40.4	36.1	31.5	26.7	21.6
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	375	500	500	500	500	500
Differential pressure	Δp	bar	450	407	363	317	268	217
Motor torque	$T_{1\ max}$	Nm	894	808	722	630	534	431
Output torque	$T_{2\ max}$	Nm	68579	80000	80000	80000	80000	80000

GFT 80 T3 - A2FE 160 / 61W-VZL

Motor weight: 47 kg

Transmission ratio	i		76.7	99.0	110.9	126.9	149.9	185.4
Motor displacement	V_g	cm ³	160.4	160.4	160.4	160.4	160.4	160.4
Max. torque of parking brake	T_{Br}	Nm	1025	1025	1025	740	740	740
Total displacement	$V_{g\ total}$	cm ³ /rev.	12299	15875	17781	20361	24047	29743
Motor speed	n_1	rpm	3000	3600	3600	3600	3600	3600
Output speed	n_2	rpm	39.1	36.4	32.5	28.4	24.0	19.4
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	481	577	577	577	577	577
Differential pressure	Δp	bar	409	317	283	247	209	169
Motor torque	$T_{1\ max}$	Nm	1043	808	722	630	534	431
Output torque	$T_{2\ max}$	Nm	80000	80000	80000	80000	80000	80000

GFT 80 T3 - A2FE 180 / 61W-VZL

Motor weight: 48 kg

Transmission ratio	i		76.7	99.0	110.9	126.9	149.9	185.4
Motor displacement	V_g	cm ³	180	180	180	180	180	180
Max. torque of parking brake	T_{Br}	Nm	1025	1025	1025	740	740	740
Total displacement	$V_{g\ total}$	cm ³ /rev.	13802	17814	19954	22849	26985	33377
Motor speed	n_1	rpm	3000	3600	3600	3600	3600	3600
Output speed	n_2	rpm	39.1	36.4	32.5	28.4	24.0	19.4
Inlet flow rate at n_{max}	$q_{v\ max}$	l/min	405	405	405	405	405	405
Differential pressure	Δp	bar	365	282	252	220	186	151
Motor torque	$T_{1\ max}$	Nm	1043	808	722	630	534	431
Output torque	$T_{2\ max}$	Nm	80000	80000	80000	80000	80000	80000