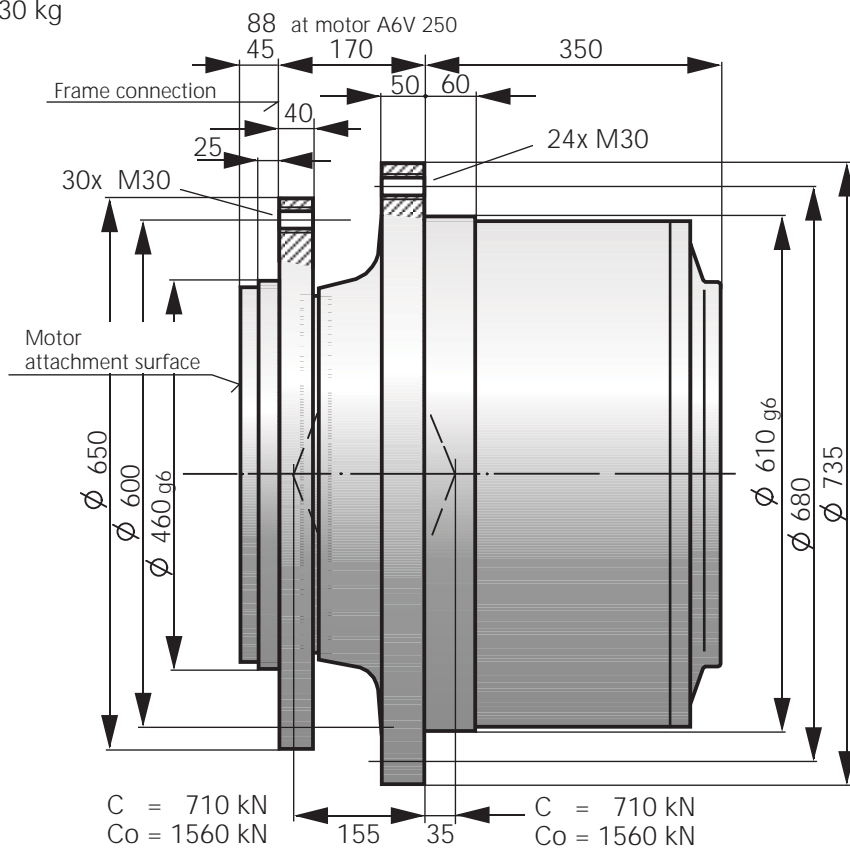


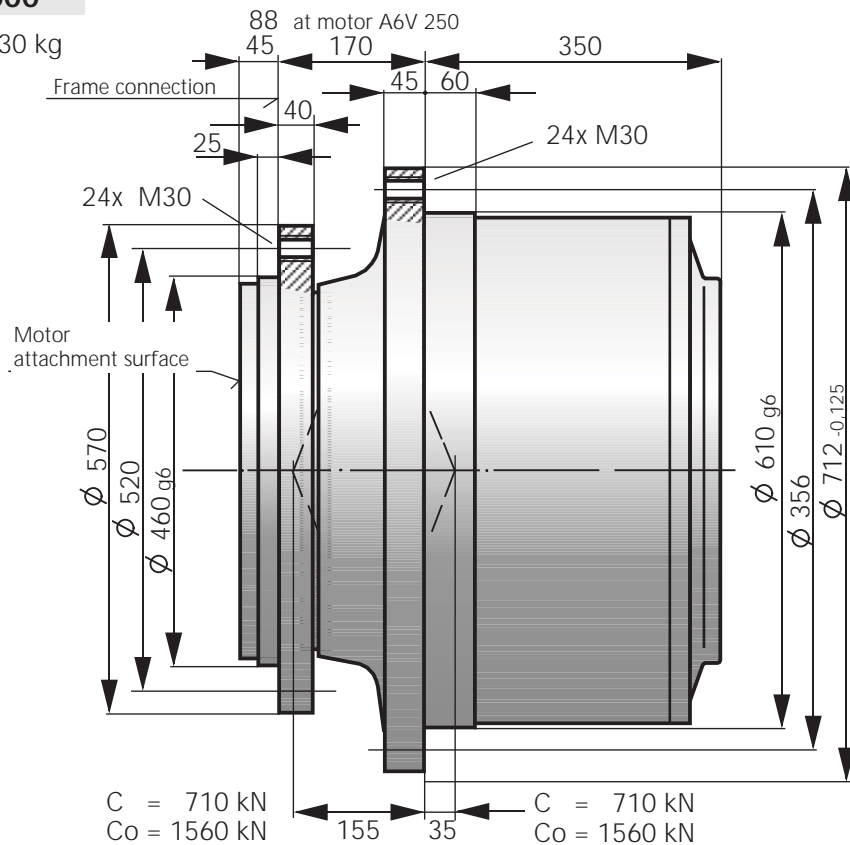
GFT 220 T3 2000

Gearbox weight: 830 kg



GFT 220 T3 9000

Gearbox weight: 830 kg



GFT 220 T3 2000 and 9000 – Technical Data

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

GFT 220 T3 - A6VE 107 / 63W-VZL

Motor weight: 45 kg

Transmission ratio		i	188.9	246.1	293.0
Motor displacement	$V_{g \max}$	cm ³	107	107	107
	$V_{g \min}$	cm ³	0	0	0
Max. torque of parking brake	T_{Br}	Nm	1100	1100	1100
Total displacement	$V_{g \text{ total}}$	cm ³ /rev.	20214	26328	31351
Motor speed	at $V_{g \max}$	n_1	rpm	3300	3300
	at $V_g < V_{g1}$	n_1	rpm	4000	4500
		V_{g1}	cm ³ /rev.	71	71
Output speed	at $V_{g \max}$	n_2	rpm	17.5	13.4
	at $V_g < V_{g1}$	n_2	rpm	21.2	18.3
Inlet flow rate at n_{\max}	$q_{v \max}$	l/min	353	353	353
Differential pressure	Δp	bar	450	450	441
Motor torque	$T_{1 \max}$	Nm	766	766	751
Output torque	$T_{2 \max}$	Nm	144629	188379	220000

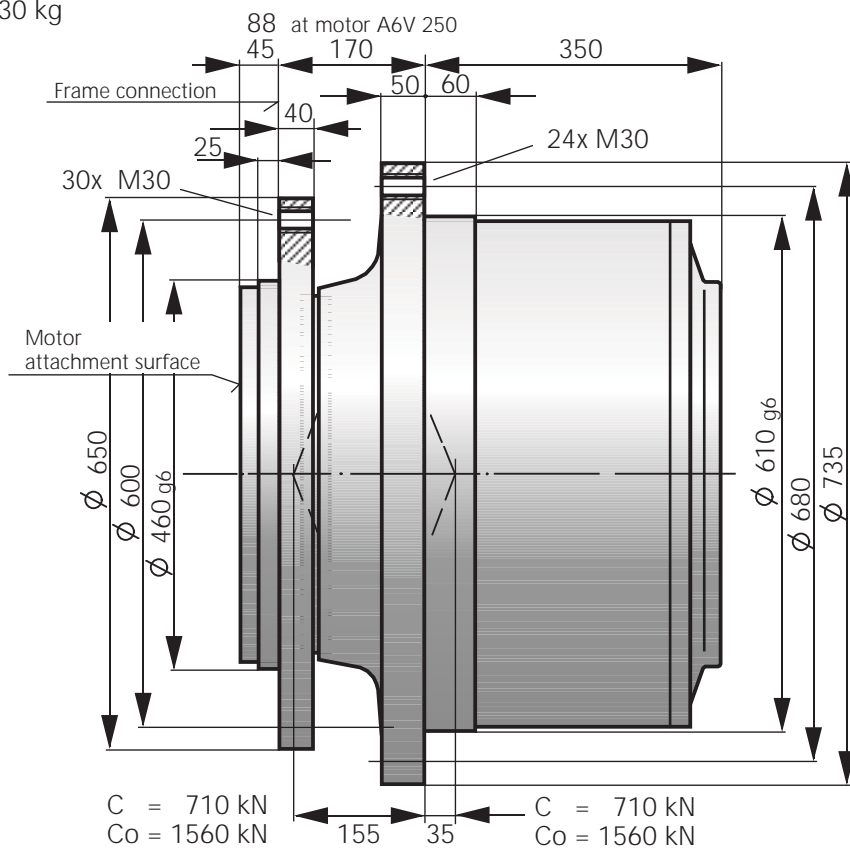
GFT 220 T3 - A6VE 160 / 63W-VZL

Motor weight: 64 kg

Transmission ratio		i	188.9	246.1	293.0
Motor displacement	$V_{g \max}$	cm ³	160	160	160
	$V_{g \min}$	cm ³	0	0	0
Max. torque of parking brake	T_{Br}	Nm	1100	1100	1100
Total displacement	$V_{g \text{ total}}$	cm ³ /rev.	30226	39369	46880
Motor speed	at $V_{g \max}$	n_1	rpm	3000	3000
	at $V_g < V_{g1}$	n_1	rpm	4000	4500
		V_{g1}	cm ³ /rev.	107	107
Output speed	at $V_{g \max}$	n_2	rpm	15.9	12.2
	at $V_g < V_{g1}$	n_2	rpm	21.2	18.3
Inlet flow rate at n_{\max}	$q_{v \max}$	l/min	480	480	480
Differential pressure	Δp	bar	450	351	295
Motor torque	$T_{1 \max}$	Nm	1145	894	751
Output torque	$T_{2 \max}$	Nm	216268	220000	220000

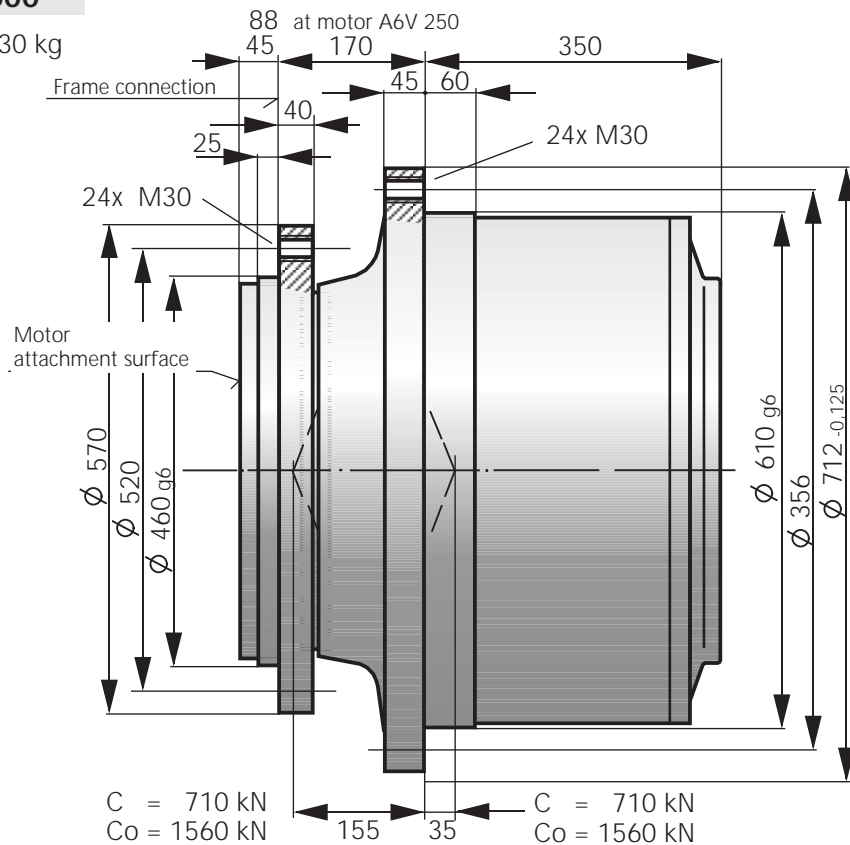
GFT 220 T3 2000

Gearbox weight: 830 kg



GFT 220 T3 9000

Gearbox weight: 830 kg



GFT 220 T3 2000 and 9000 – Technical Data

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

GFT 220 T3 - A2FE 107 / 61W-NZL

Motor weight: 34 kg

Transmission ratio	i		188.9	246.1	293.0
Motor displacement	V_g	cm ³	106.7	106.7	106.7
Max. torque of parking brake	T_{Br}	Nm	1100	1100	1100
Total displacement	$V_{g\ total}$	cm ³ /rev.	20157	26254	31263
Motor speed	n_1	rpm	4000	4000	4000
Output speed	n_2	rpm	21.2	16.3	13.7
Inlet flow rate at n_{\max}	$q_{v\ \max}$	l/min	427	427	427
Differential pressure	Δp	bar	450	450	443
Motor torque	$T_{1\ \max}$	Nm	763	763	751
Output torque	$T_{2\ \max}$	Nm	144223	187851	220000

GFT 220 T3 - A2FE 125 / 61W-NZL

Motor weight: 36 kg

Transmission ratio	i		188.9	246.1	293.0
Motor displacement	V_g	cm ³	125	125	125
Max. torque of parking brake	T_{Br}	Nm	1100	1100	1100
Total displacement	$V_{g\ total}$	cm ³ /rev.	23614	30757	36625
Motor speed	n_1	rpm	4000	4000	4000
Output speed	n_2	rpm	21.2	16.3	13.7
Inlet flow rate at n_{\max}	$q_{v\ \max}$	l/min	500	500	500
Differential pressure	Δp	bar	450	450	378
Motor torque	$T_{1\ \max}$	Nm	894	894	751
Output torque	$T_{2\ \max}$	Nm	168959	220000	220000

GFT 220 T3 - A2FE 160 / 61W-NZL

Motor weight: 47 kg

Transmission ratio	i		188.9	246.1	293.0
Motor displacement	V_g	cm ³	160.4	160.4	160.4
Max. torque of parking brake	T_{Br}	Nm	1100	1100	1100
Total displacement	$V_{g\ total}$	cm ³ /rev.	30302	39468	46997
Motor speed	n_1	rpm	3600	3600	3600
Output speed	n_2	rpm	19.1	14.6	12.3
Inlet flow rate at n_{\max}	$q_{v\ \max}$	l/min	577	577	577
Differential pressure	Δp	bar	450	351	294
Motor torque	$T_{1\ \max}$	Nm	1148	894	751
Output torque	$T_{2\ \max}$	Nm	216808	220000	220000

GFT 220 T3 - A2FE 180 / 61W-NZL

Motor weight: 48 kg

Transmission ratio	i		188.9	246.1	293.0
Motor displacement	V_g	cm ³	180	180	180
Max. torque of parking brake	T_{Br}	Nm	1100	1100	1100
Total displacement	$V_{g\ total}$	cm ³ /rev.	34004	44291	52740
Motor speed	n_1	rpm	3600	3600	3600
Output speed	n_2	rpm	19.1	14.6	12.3
Inlet flow rate at n_{\max}	$q_{v\ \max}$	l/min	405	405	405
Differential pressure	Δp	bar	407	312	262
Motor torque	$T_{1\ \max}$	Nm	1165	894	751
Output torque	$T_{2\ \max}$	Nm	220000	220000	220000