

TH-GFT
Planetary Gearbox



Index	Page No
• TH-GFT Gearbox	02
• Features	02
• Specifications	02
• Assembly Drawing	03
• Installation Diagram	04
• Installation Diagram Dimensions	05
• TH-GFT160,200	06
• Features	06
• Specifications	06
• Installation Diagram	06
• Installation Diagram Dimensions	07
• Assembly Drawing	07
• TH-GFB36	08
• Features	08
• Specifications	08
• Installation Diagram	08
• Assembly Drawing	09



TH-GFT

Features

- Compact, space-saving planetary gearbox design
- Planet wheel carried in full-complement bearings
- Robust bearing system absorbing the forces exerted by the cable pull
- Simple mounting
- Integrated multiplate parking device
- GFT winch drives are used in all kinds of winches
- mobile and crawler cranes, railroad cranes, shipboard, dockside and container cranes.

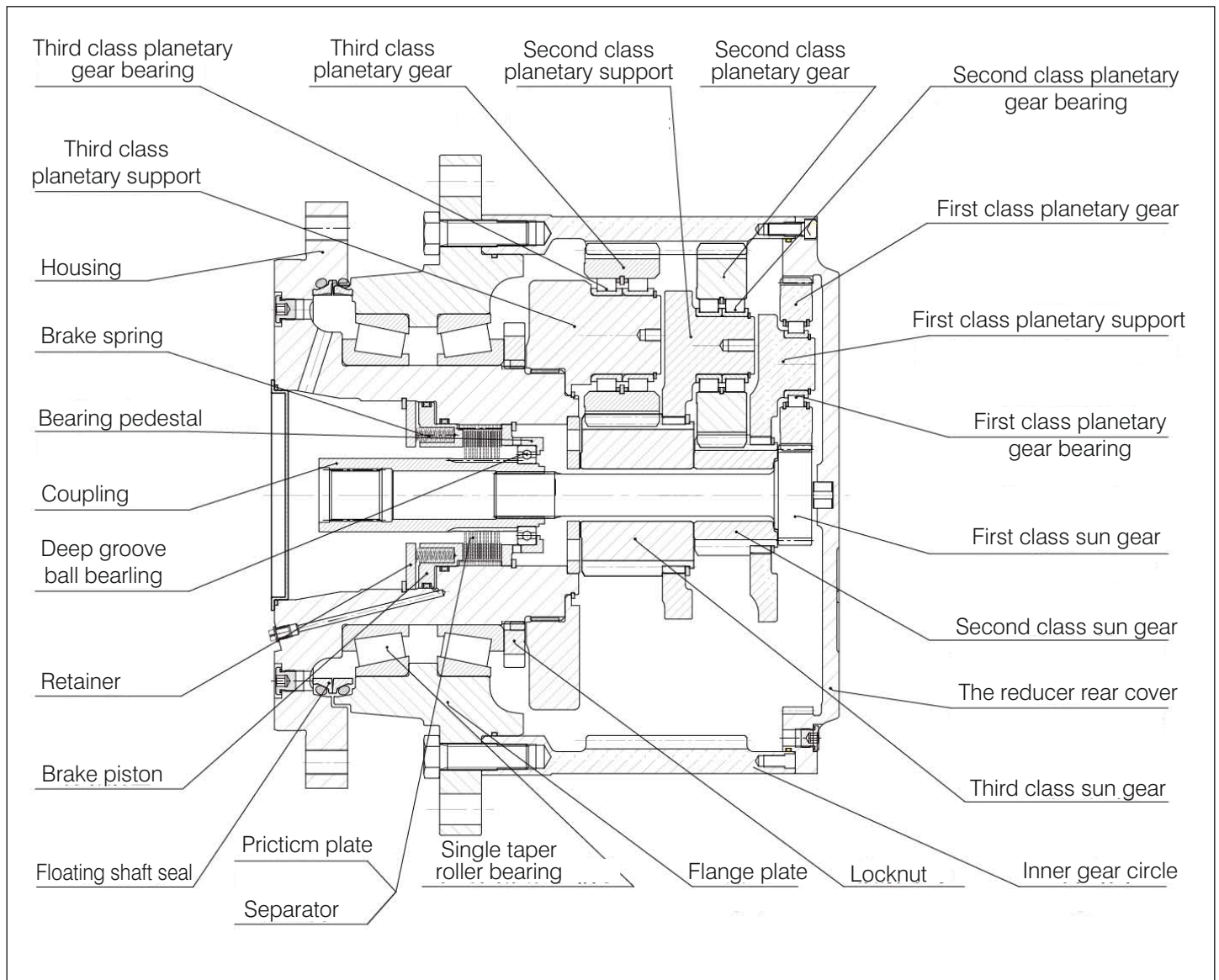


Specifications

Model	Output torque	Speed ratio	Holding torque	Recommended motor		Weight
TH-GFW5190F	105000	121.1	1448	A6VM200/ A2FE(107/125)	A6VE (160/170)	430
TH-GFT8190F	130000	168/209		A2FE(125/160)		450
TH-GFT220	200000	97.7/145.4/188.9/246.1	1472	A2FE(160/180)	A6VM(200/215)	880
TH-GFT160	140000	114.2/133	1448	A2FE (160/180)	A6VE160/ A6VM(200/215)	680
	160000	251				
TH-GFT110	95000	95.8/114.8/128.6/147.2/215	1232	A2FE (107/125/160)/ A6VM160	A6VE107/160	420
	110000	147.2/173.9/215				
TH-GFT80	68000	76.7/99/126.9/149.9/185.4	1232	A2FE (107/125/160)	A6VE107/160	380
	80000					
TH-GFT60	42500	86.5	818	A2FE80/90/ 107/125	A6VE80/107	250
	60000	105.5/139.9/169.9				
TH-GFT50	50000	99.8	715	A2FE80/90	A6VE80	245
TH-GFT36	26000	67/79.4/100/116.5	715	A2FE80/90	A6VE80	170
	36000	67/79.4/100/116.5/131/138.8				
TH-GFT17	12500	45.4	379	A2FE45/56/63	A6VE28/55	99
	17000	32.1/45.4/54				90

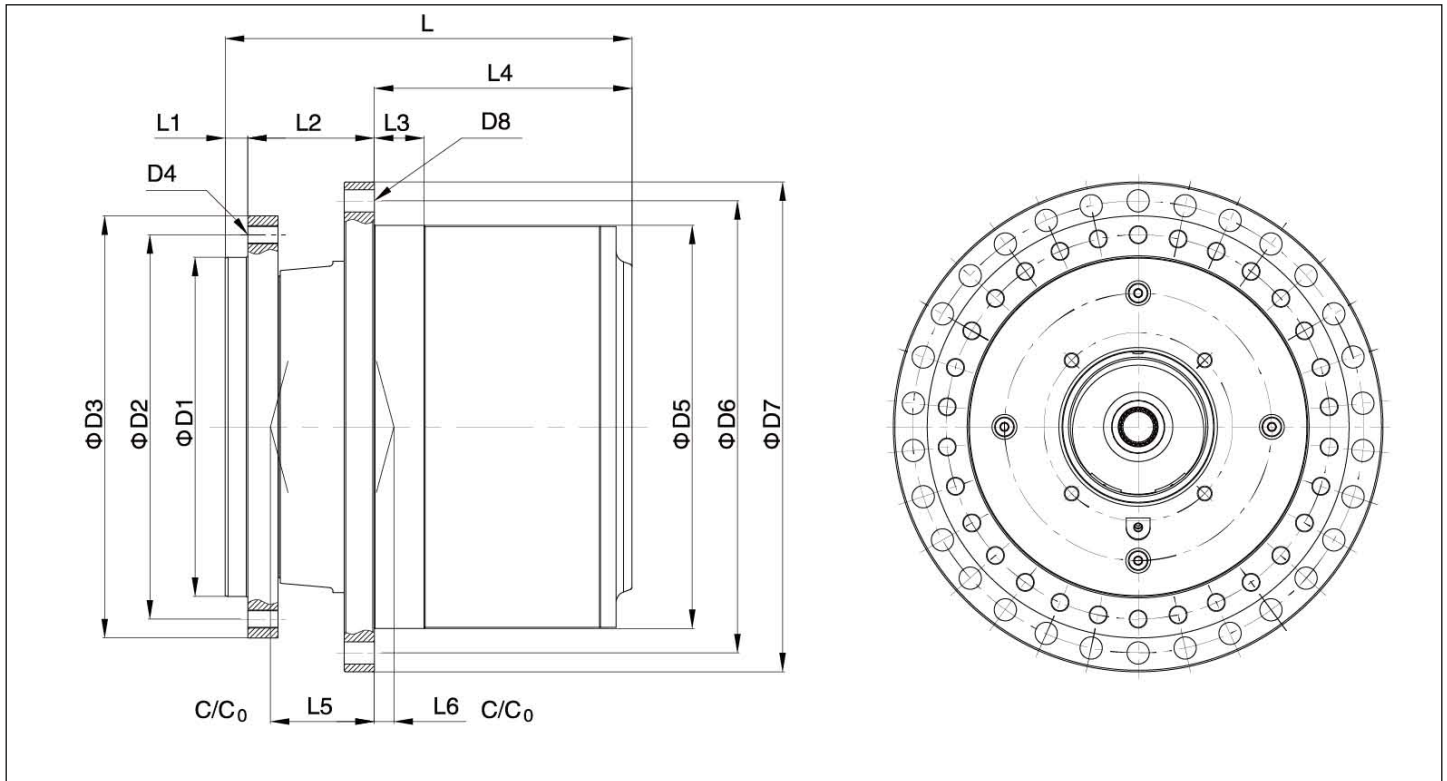


Assembly Drawing





Installation Diagram





Installation Diagram Dimensions

Model	D1	D2	D3	D4	D5	D6	D7	D8
TH-GFW5190F	420	460	500	24-M24x2	460	500	540	36-Ø22
TH-GFT8190F				24-M24x3				36-M18x1.5
TH-GFT220	460	600	650	30-M30x2	610	680	735	24-Ø33
THGFT160	450	510	560	30-M24x2	535	600	650	30-Ø29.5
								30-M24x2
TH-GFT110	420	460	500	24-M24	460	500	540	36-Ø22
	380	430	466	28-M24				36-M18x1.5
	420	460	500	24-M24				
TH-GFT80	380	430	480	20-M24	430	480	520	20-Ø26
								20-M24
TH-GFT60	330	370	410	20-M20x1.5 24-M20x1.5	370	410	450	20-Ø22
	330	370	410	20-M20x1.5				20-M20
TH-GFT50	270	310	350	16-M20	350	400	440	16-M20
TH-GFT36	270	310	350	16-M20	320	350	380	20-Ø17.5
						370/350	406/380	20-M16x1.5
TH-GFT17	250	290	320	16-M20	280	305	330	16-Ø18
								16-M16

Model	L	L1	L2	L3	L4	L5	L6	C/Co
TH-GFW5190F	482	21.5	165	23	294.5	125	54.5	490/1202
TH-GFT8190F	510							
TH-GFT220	565	45	170	60	350	154.4	33.4	714.9/1489.1
THGFT160	540	30	168	66	342	138	26	688/1520
TH-GFT110	492	22	165	30	305	107	24	509/1080 480/950
	457	32	115	35	310	/	/	480/950
	492	22	165	30	305	107	24	509/1080 480/950
TH-GFT80	466	23	148	30	295	112	18	509/1080 480/950
TH-GFT60	423	25	114	30	284	79	83	250/520
TH-GFT50	415	15	82	25	318	45.5	79.5	393/881
TH-GFT36	380	30	90	25	259.5	58	50	186/400
	380/300	30/10			200			
TH-GFT17	264	30	82	17	152	78	69	108/142
	242	8						



TH-GFT160,200

Features

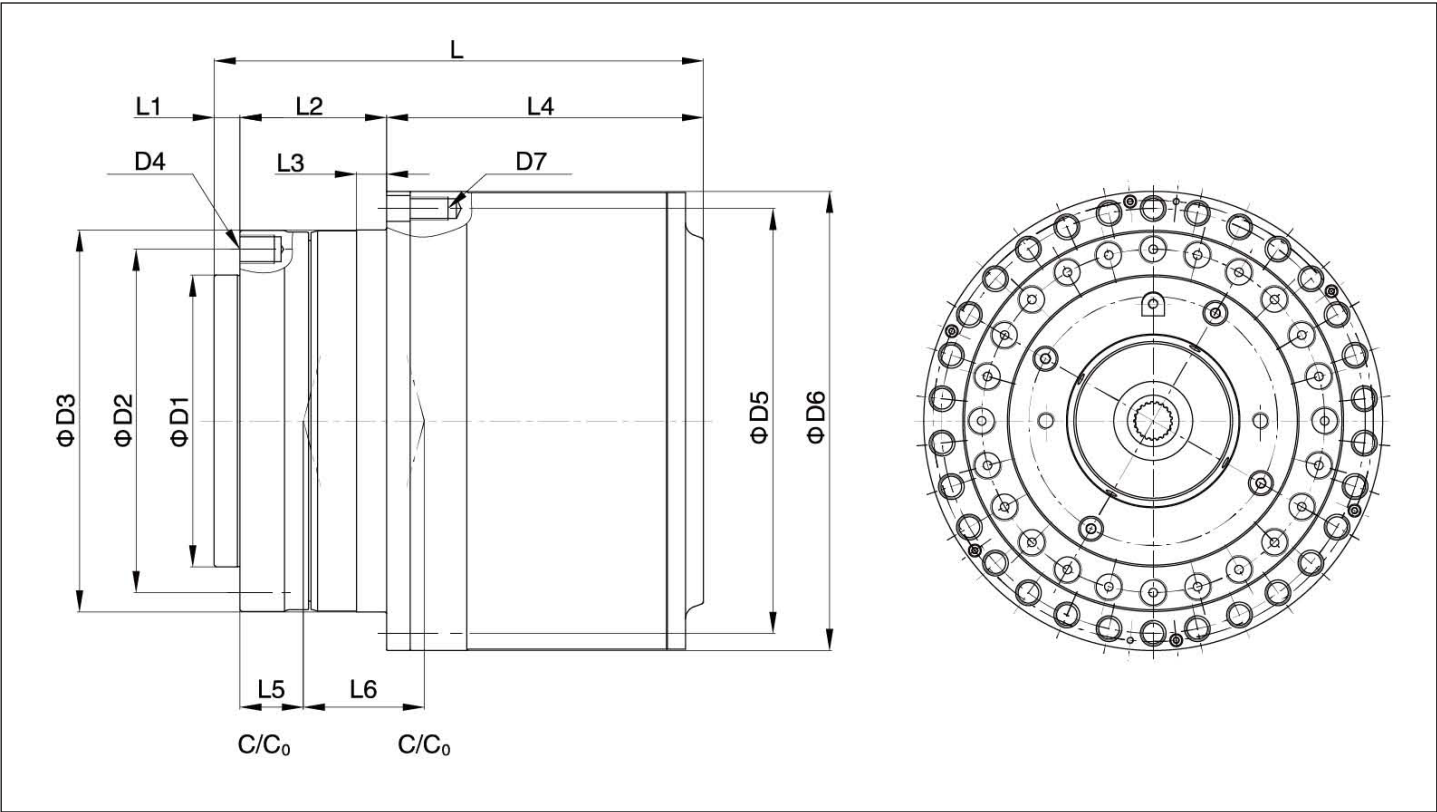
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Specifications

Model	Output torque	Speed ratio	Holding torque	Recommended motor	Weight
TH-GFT160	160000	251.0	1448	A2FE(160/180)	680
TH-GFT220	220000	293/365	2160	A2FE(160/180)	880

Installation Diagram



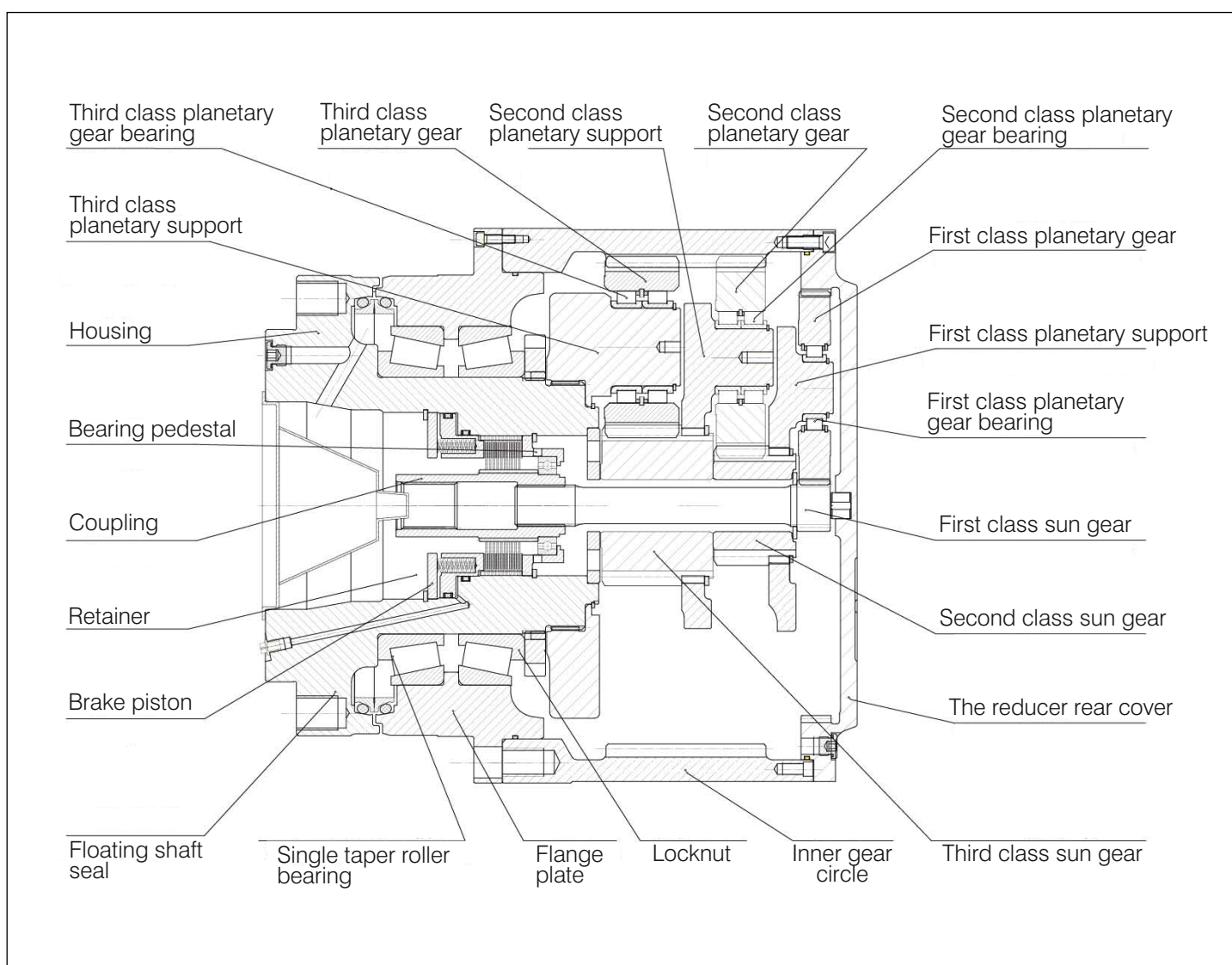


Installation Diagram Dimensions

Model	D1	D2	D3	D4	D5	D6	D7
TH-GFT160	340	400	445	24-M33 x 1.5	495	535	30-M27 x 2
TH-GFT220	450	515	568	29-M36 x 3	620	670	42-M30 x 2

Model	L	L1	L2	L3	L4	L5	L6	C/C ₀
TH-GFT160	570.5	30	171	35	369.5	74	141	688/1520
TH-GFT220	603	43	255	150	305	190	17	710/1520

Assembly Drawing





TH-GFB36

Features

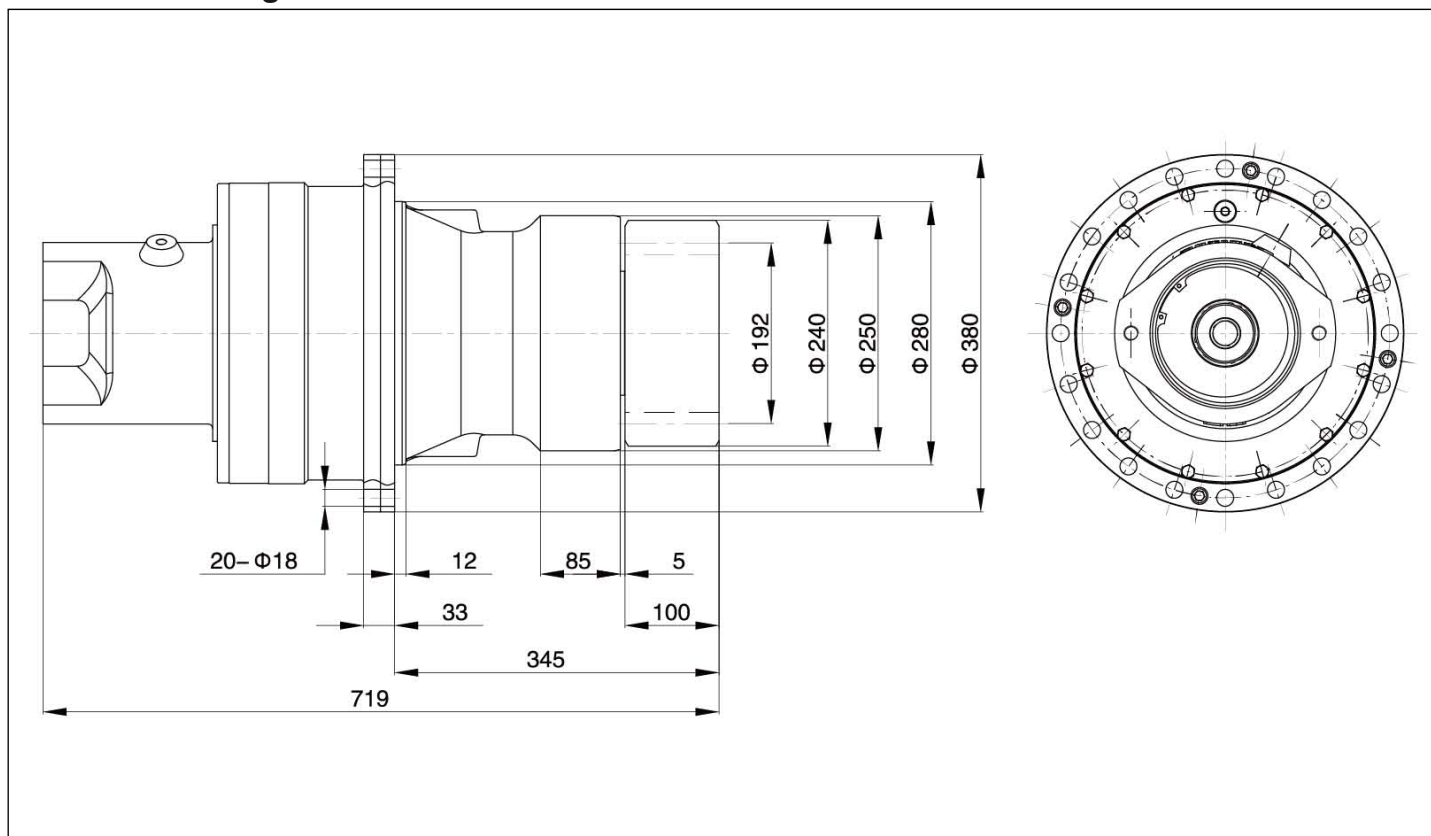
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Specifications

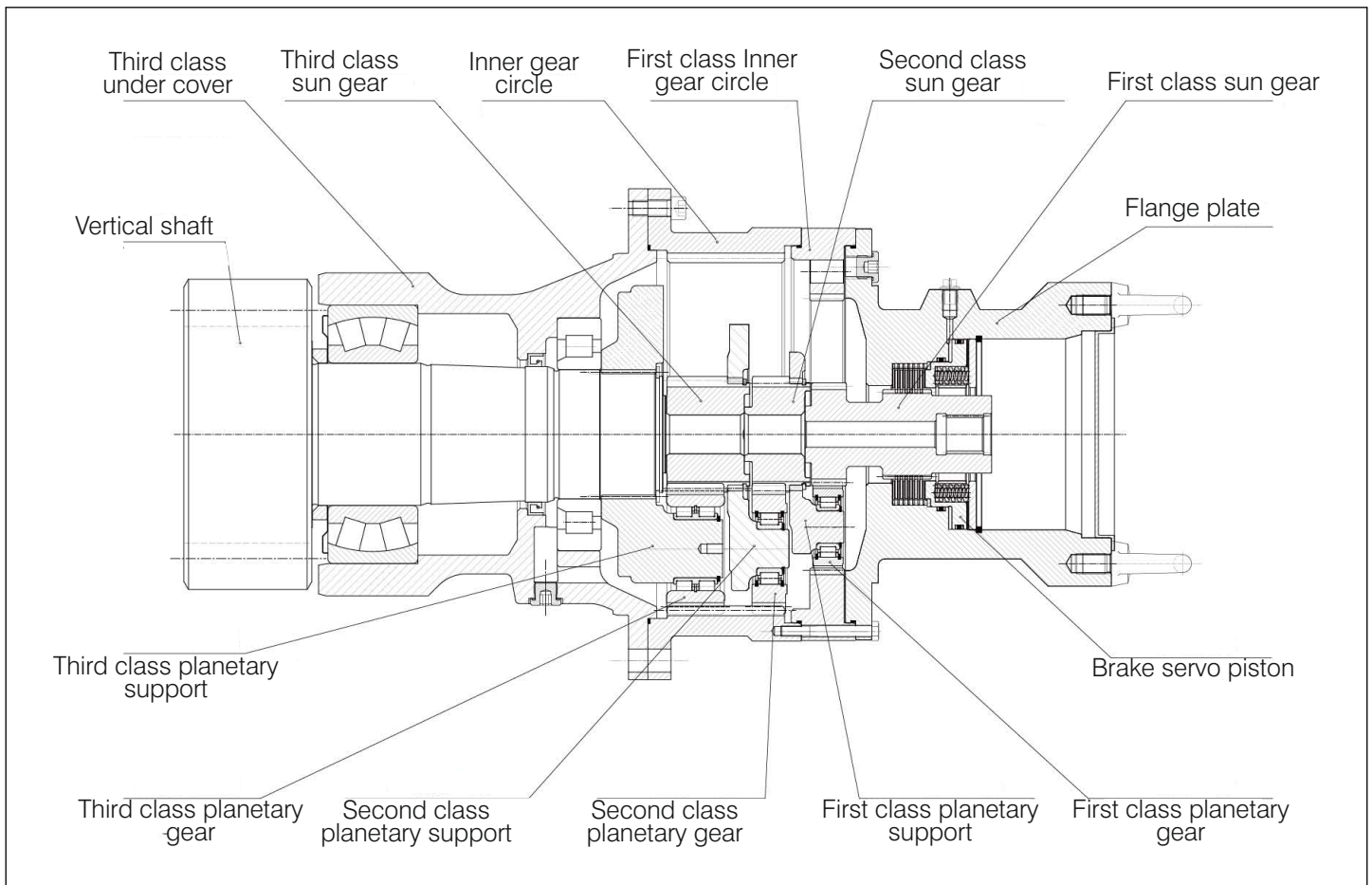
Model	Output torque	Speed ratio	Holding torque	Recommended motor	Weight
TH-GFB36	25000	68.0/80.0/101.0	540	A2FE45/56/63/80/90	215

Installation Diagram





Assembly Drawing

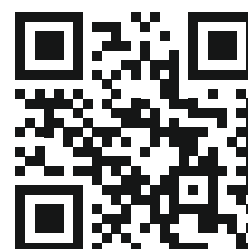


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