



Rexroth GFT series of Hydraulic Travel Reducer

GFT series of compact high speed travel reducer is a ideal speed reduce part in the rotation mechanism, Due to its compact structure, it could be used in the severely hard installation conditions, The advanced designs as well as the process technology guarantee the high bearing capacity and the operation liability. Our GFT series speed reducers can meet replacement of original Bosch-Rexroth standards.

Their principal features and most significant advantages are:

- Compact dimensions, space-saving, two/ three-stage planetary gear design
- Modular design of gear unit
- Robust bearing system absorbing the forces exerted by the ring gear
- Simple mounting and ease of maintenance
- High performance
- Long operation life
- Integrated multiple-disk holding brake
- Low-noise running

GFT series: ranging GFT 13T2 to GFT 330T3 (13000-330000 N.m)



Ordering code:

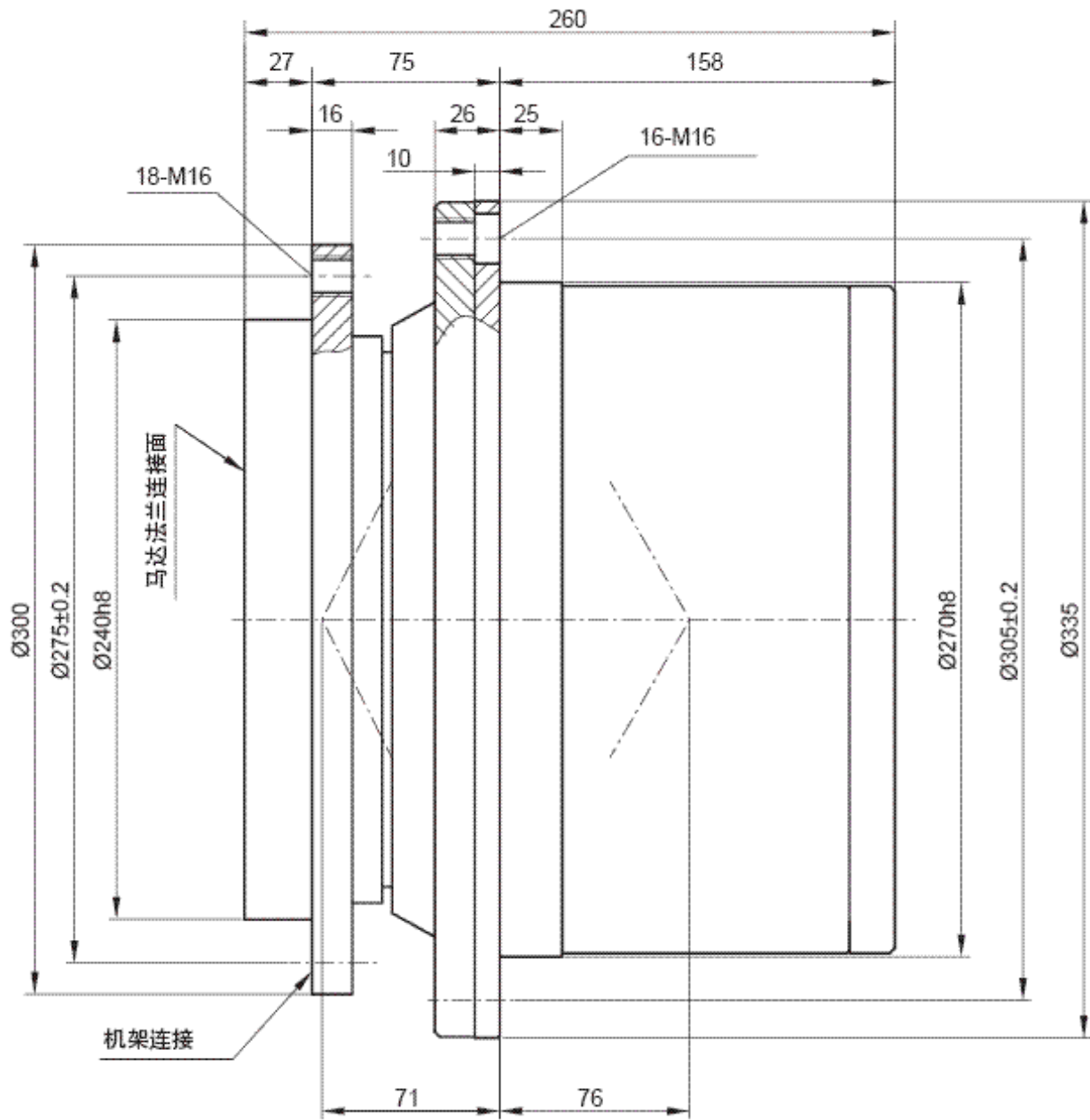
GFT	60	T	3 -	B	86 -	A2FE80/61WVZL10
series	Max. output torque (KN.m)	T: track driving W: winch driving L: wheels driving D: power head driving	Rotating progression	B: with brake, if omitted without brake	General ratio	Type of adaptive motor

It's shows that the max. output torque of driving is 60 KN.m. Adoption of the 3rd class planet speed reducing and brake with the general rotating ratio of 86 and the hydraulic motor model: A2FE80/61WVZL10

Note: input rotating direction is of reverse to output and except the rotation ratio listed in the table, the rotation ratio for the bulk products could be otherwise chosen. The allowed value for the output rotating (as stated in the example) may varies according to the specific working condition and details could be consulted with our technicians.



GFT 13T2 series Travel Reducer:



C=108KN
Co=142KN

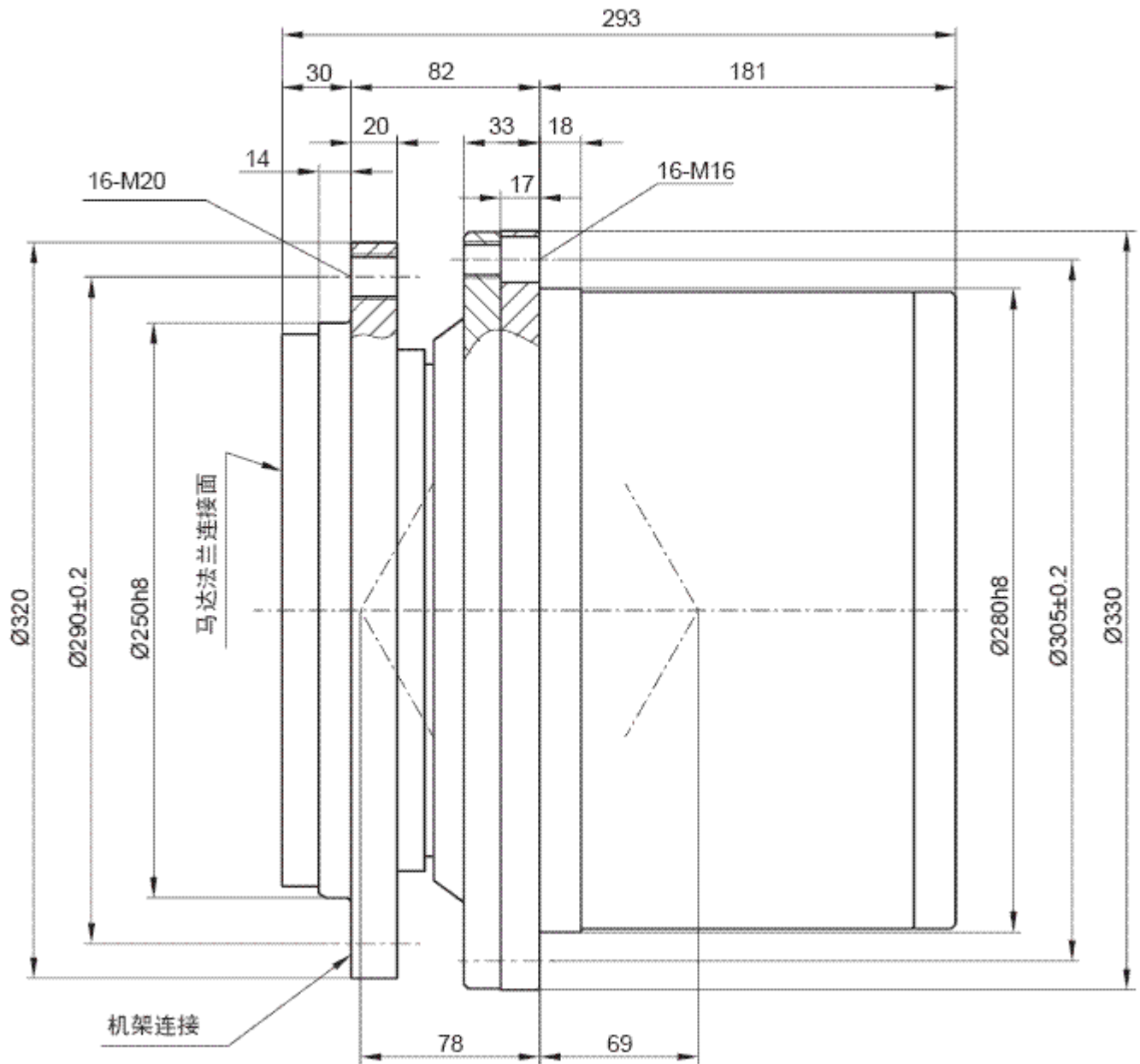
C=108KN
Co=142KN

Technical Data:

Max. output torque N.m	Ratio i	Hydraulic motor model	Max. input rotation r/min	Static brake torque N.m	Brake working pressure MPa	N.weight kg
13000	16.3	A2FE45	2000	450-900	1.8-5	85
	22.6	A2FE56				
	32.1	A2FE63				
	37.6					



GFT 17T2 series Travel Reducer



C=108KN
C₀=142KN

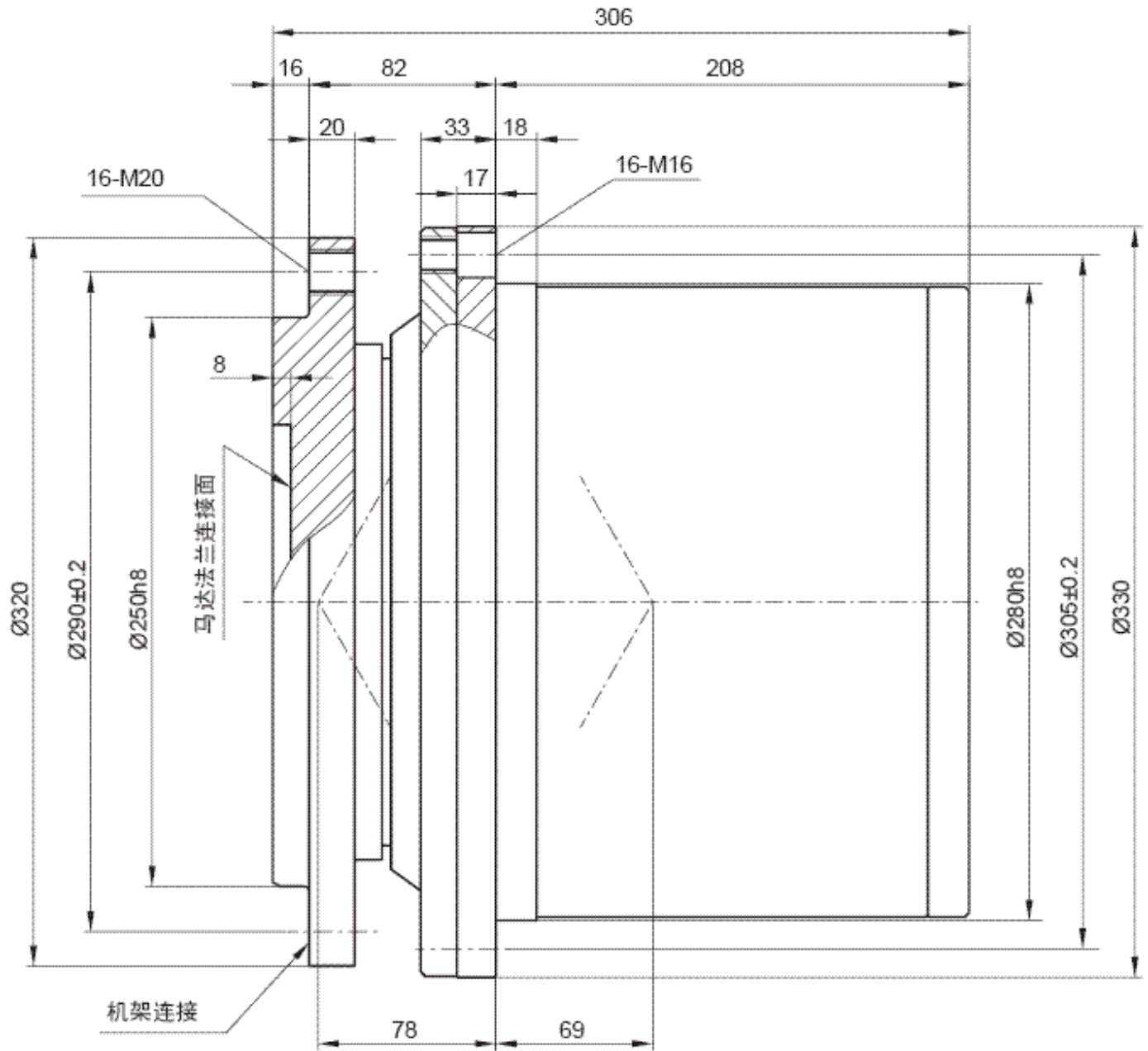
C=108KN
C₀=142KN

Technical Data

Max. output torque N.	Ratio i	Hydraulic motor model	Max. input rotation r/min	Static brake torque N.m	Brake working pressure MPa	N.weight kg
17000	26.4	A2FE45	2000	500-1000	1.8-5	90
	32.1	A2FE56				
	45.4	A2FE63				
	54					



GFT 17T3 series Travel Reducer



C=108KN
Co=142KN

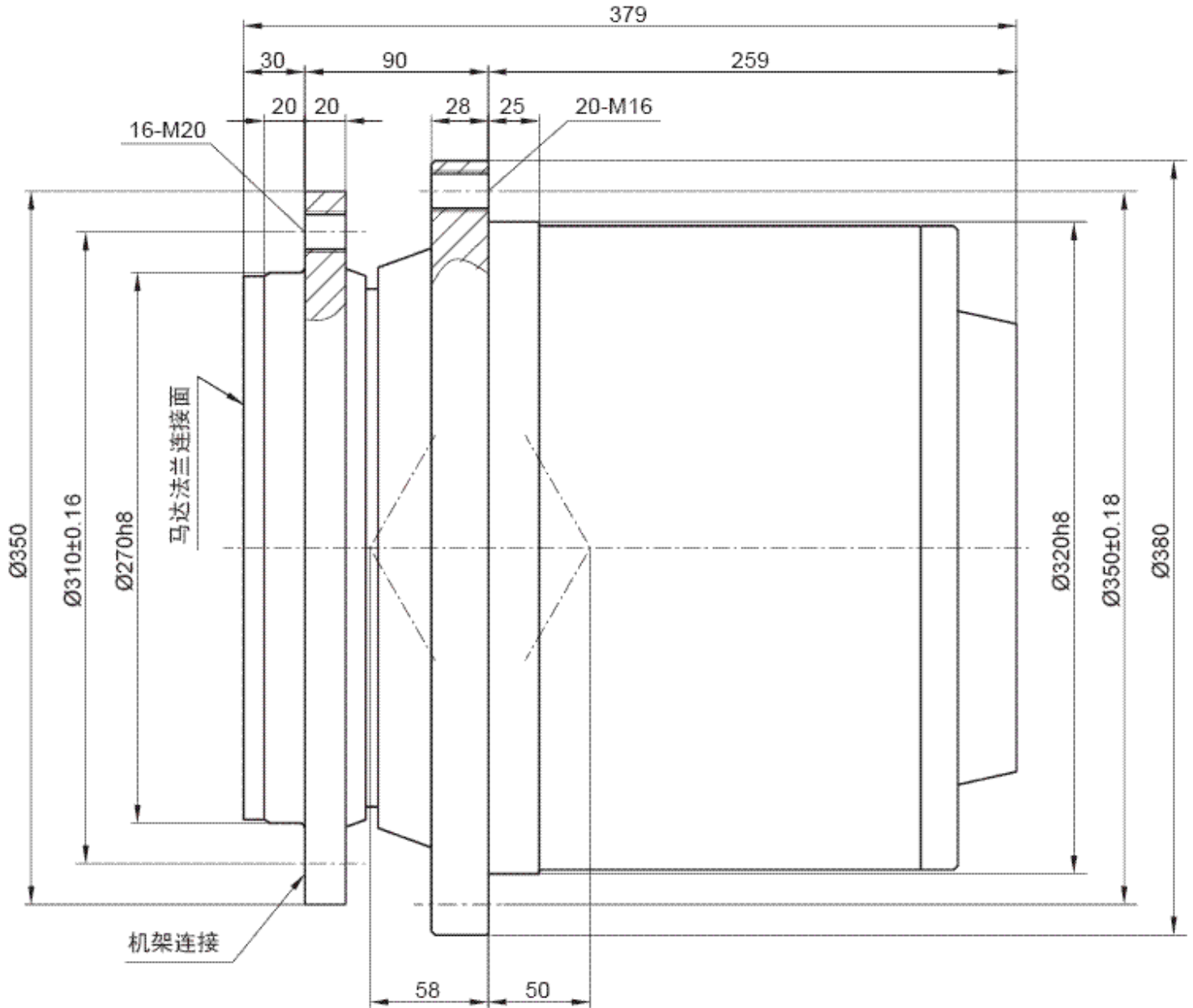
C=108KN
Co=142KN

Technical Data

Max. output torque N.	Ratio i	Hydraulic motor model	Max. input rotation r/min	Static brake torque N.m	Brake working pressure MPa	N.weight kg
17000	77.9	A2FE28	2000	220-450	1.8-5	100
	88.2	A2FE32				
	102.6	A2FE45				
		A2FE56				



GFT 36T3 series Travel Reducer



C=186KN
C₀=400KN

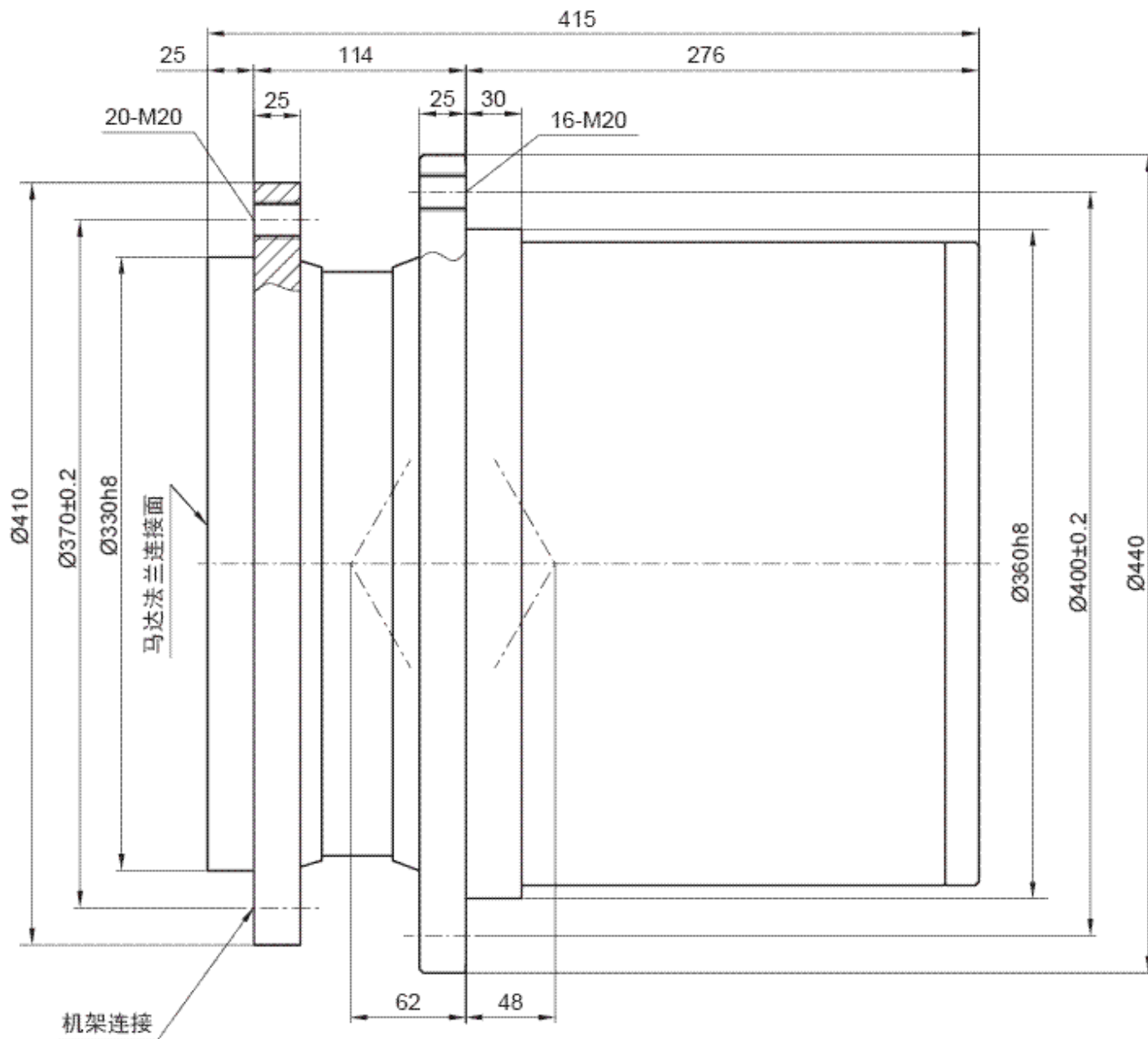
C=186KN
C₀=400KN

Technical Data

Max. output torque N.m	Ratio i	Hydraulic motor model	Max. input rotation r/min	Static brake torque N.m	Brake working pressure MPa	N.weight kg
36000	67	A2FE45	2000	450-800	1.8-5	165
	79.4	A2FE56				
	100	A2FE63				
	116.6	A2FE80				
		A2FE90				



GFT 50T3 series Travel Reducer



C=212KN
C₀=425KN

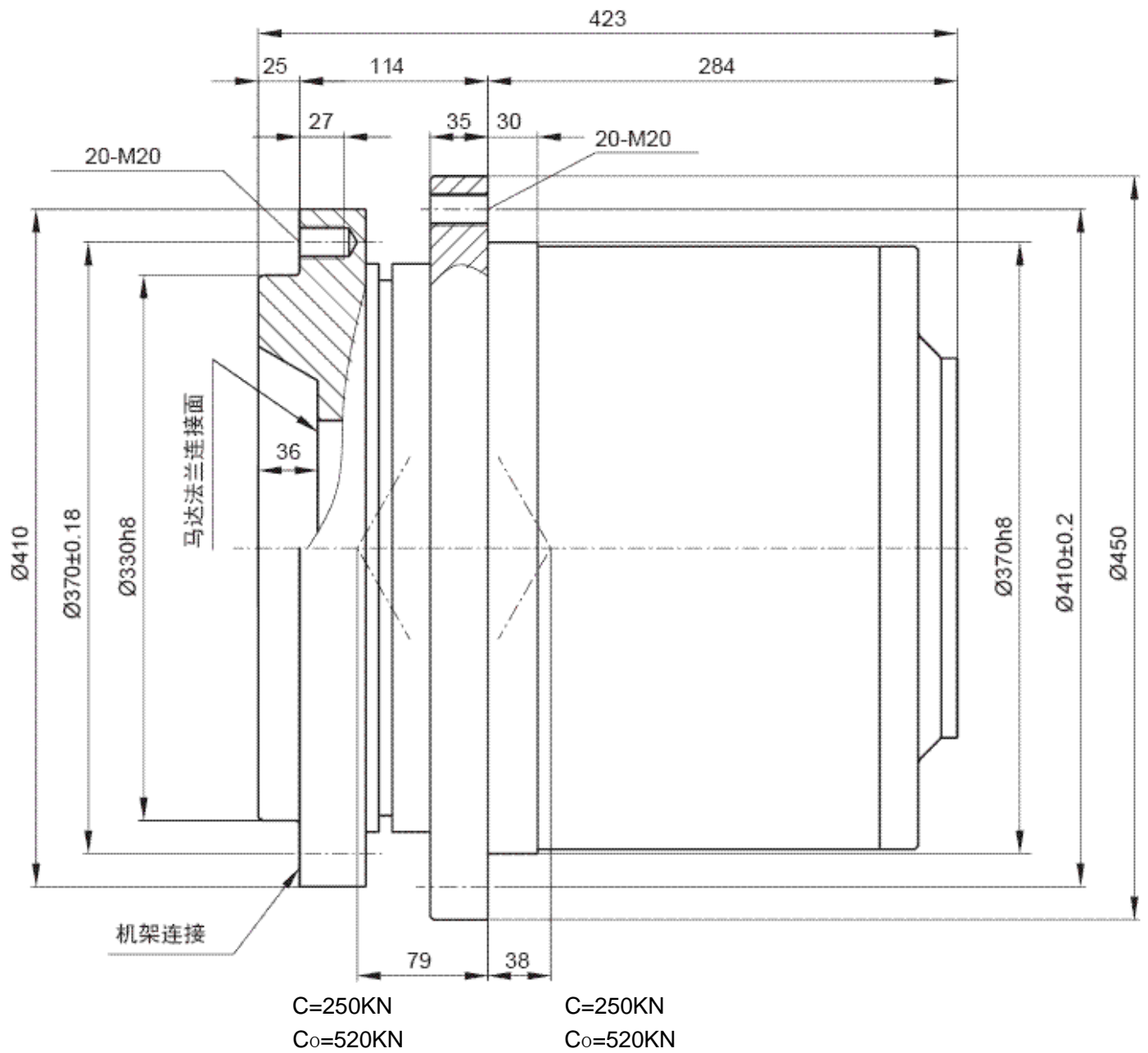
C=212KN
C₀=425KN

Technical Data

Max. output torque N.m	Ratio i	Hydraulic motor model	Max. input rotation r/min	Static brake torque N.m	Brake working pressure MPa	N.weight kg
50000	84.2	A2FE80	2000	600-1100	1.8-5	220
	91.1					
	99.8	A2FE90				
	125.7					
	146.4					



GFT 60T3 series Travel Reducer

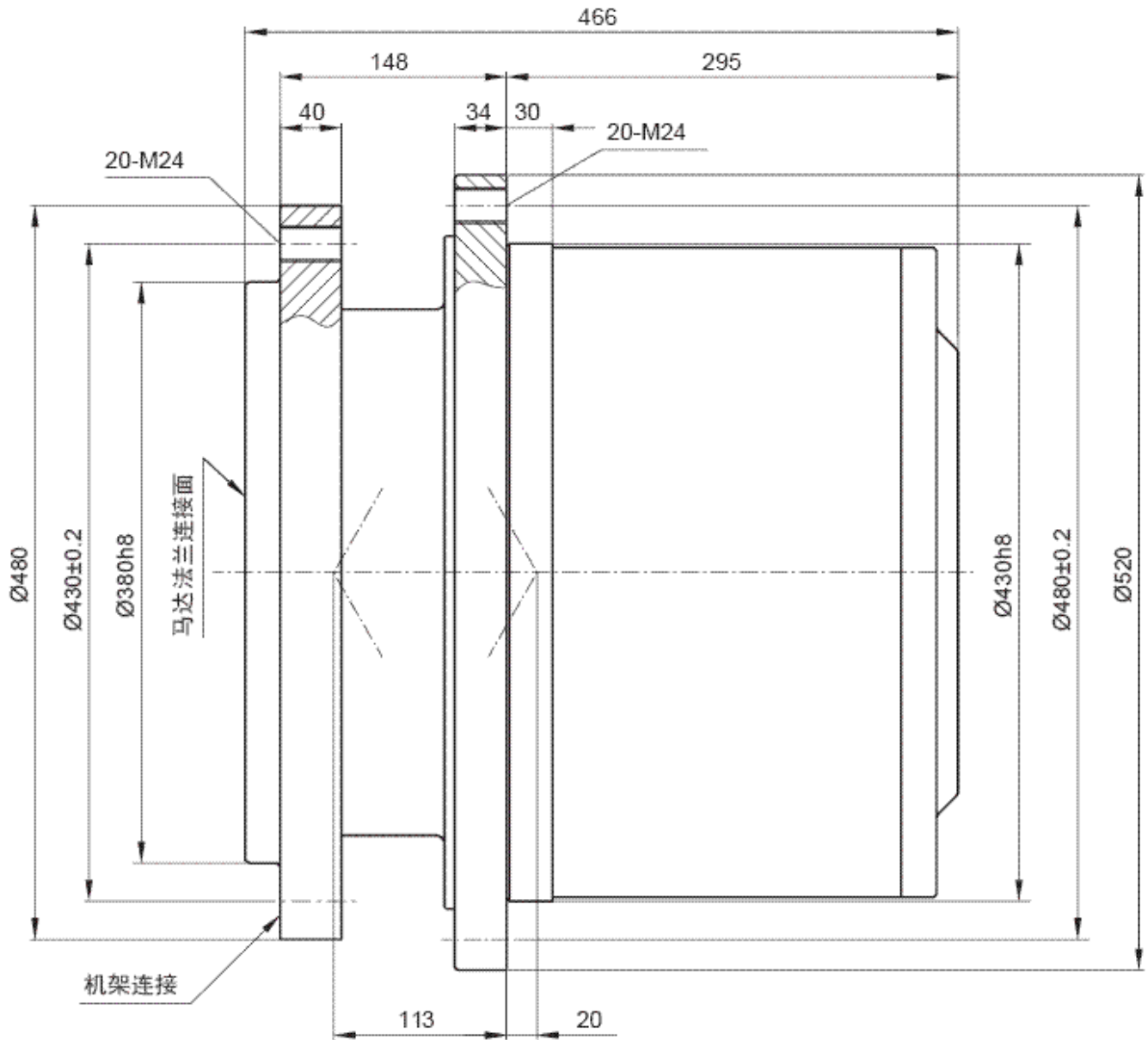


Technical Data

Max. output torque N.m	Ratio i	Hydraulic motor model	Max. input rotation r/min	Static brake torque N.m	Brake working pressure MPa	N.weight kg
60000	86.5	A2FE80	2000	800-1200	1.8-5	230
	94.8	A2FE90				
	105.5	A2FE107				
	119.8	A2FE125				
	139.9					
	169.9					



GFT 80T3 series Travel Reducer



C=509KN
C₀=1080KN

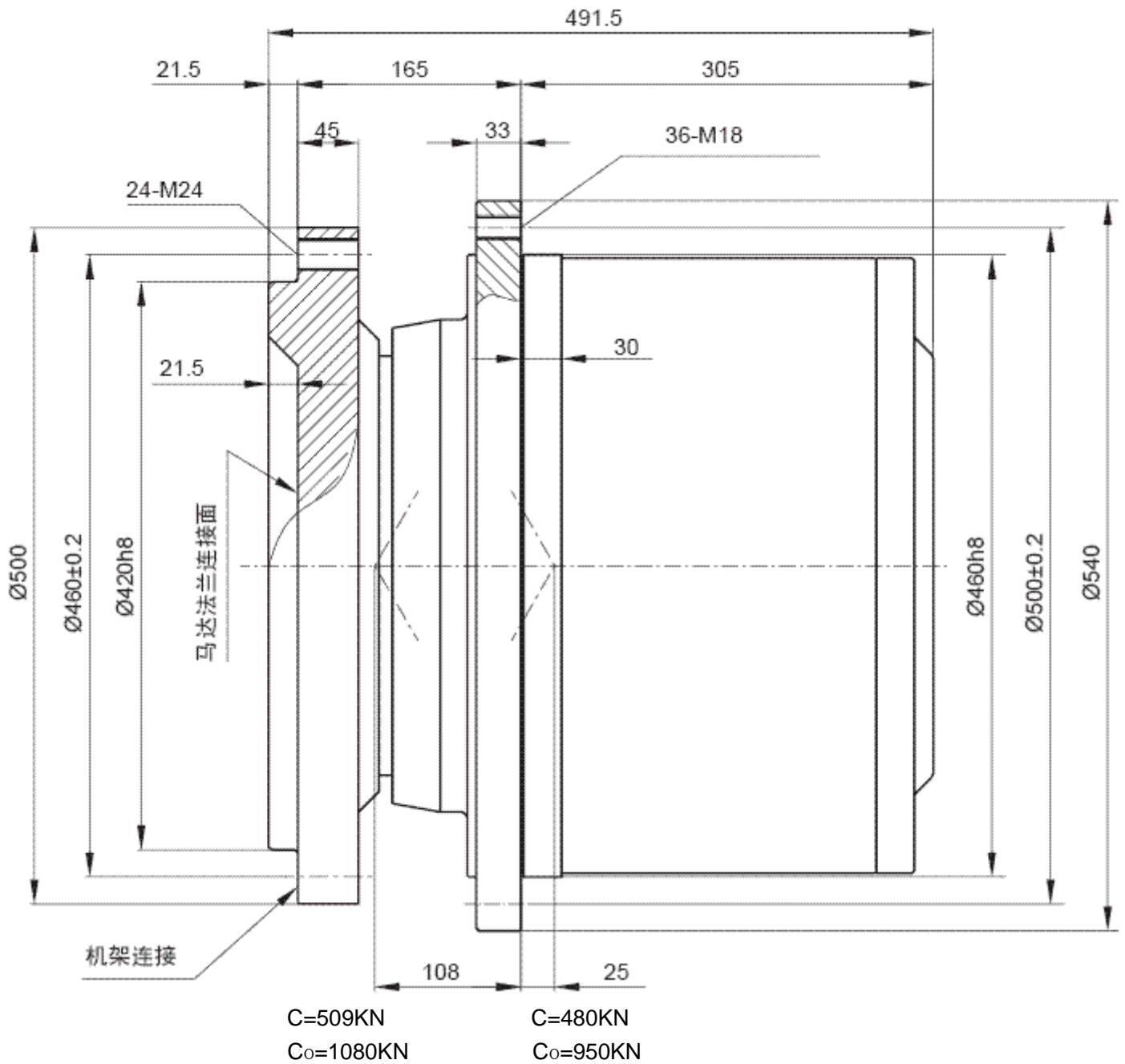
C=480KN
C₀=950KN

Technical Data

Max. output torque N.m	Ratio i	Hydraulic motor model	Max. input rotation r/min	Static brake torque N.m	Brake working pressure MPa	N.weight kg
80000	76.6	A2FE107	2000	800-1600	1.8-5	350
	99	A2FE125				
	110.9	A2FE160				
	126.9	A2FE180				
	149.9					
	185.4					



GFT 110T3 series Travel Reducer

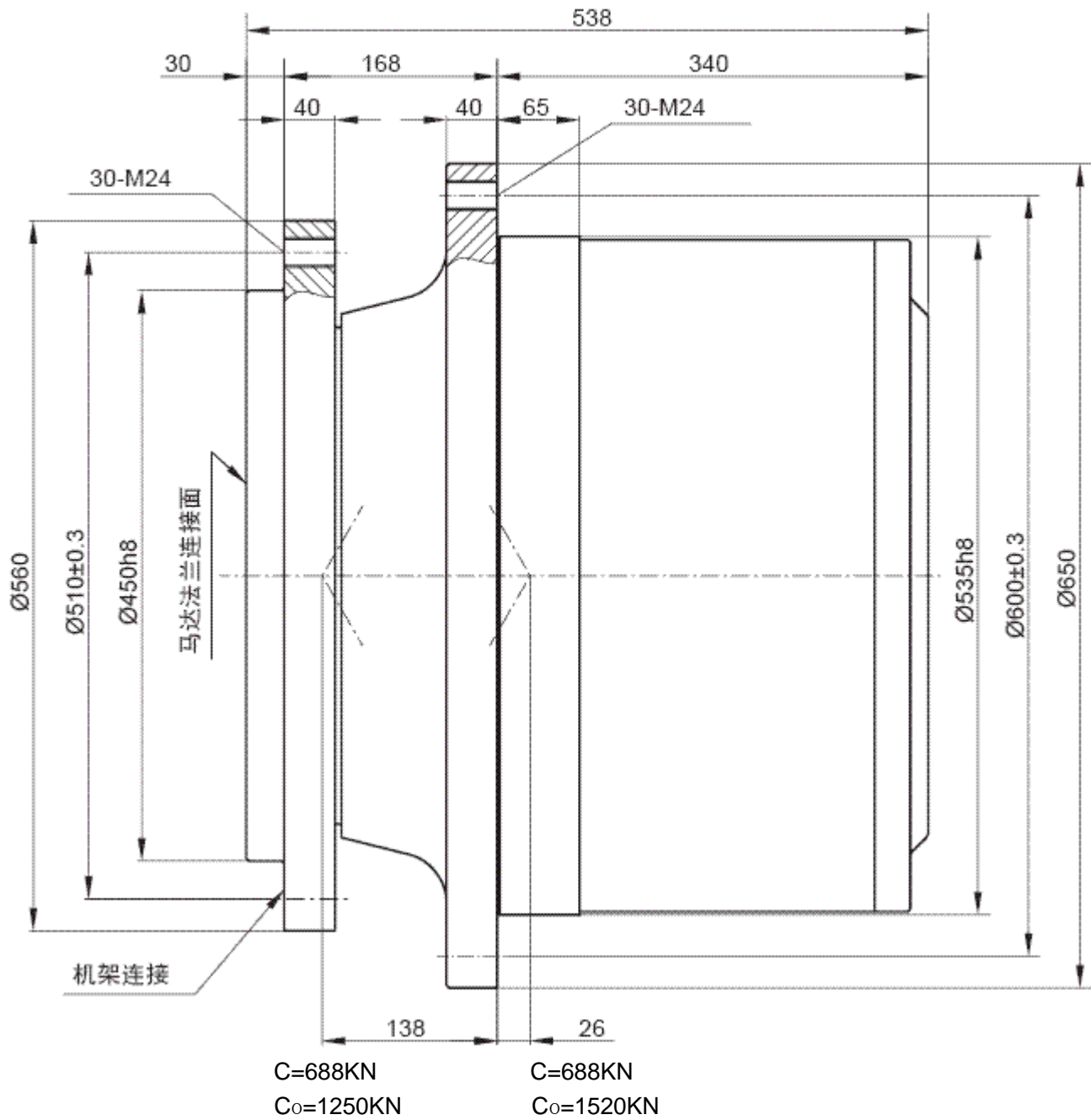


Technical Data

Max. output torque N.m	Ratio i	Hydraulic motor model	Max. input rotation r/min	Static brake torque N.m	Brake working pressure MPa	N.weight kg
110000	95.8	A2FE107	2000	900-2000	1.8-5	395
	114.8	A2FE125				
	128.6	A2FE160				
	147.2	A2FE180				
	173.9					
	215					



GFT 160T3 series Travel Reducer

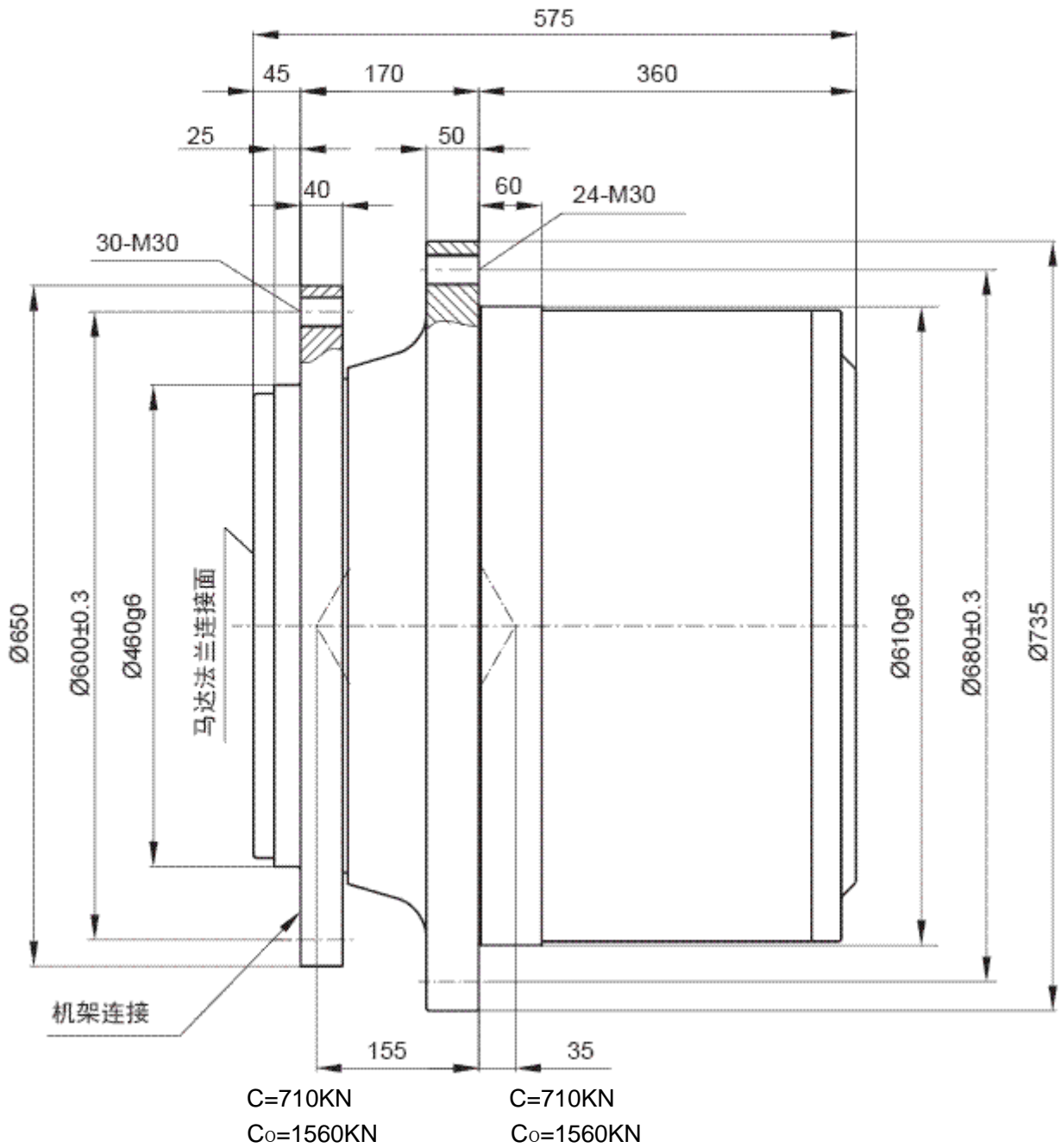


Technical Data

Max. output torque N.m	Ratio i	Hydraulic motor model	Max. input rotation r/min	Static brake torque N.m	Brake working pressure MPa	N.weight kg
160000	161.8 210.8 251	A2FE107 A2FE125 A2FE160 A2FE180	2000	900-2000	1.8-5	680



GFT 220T3 series Travel Reducer

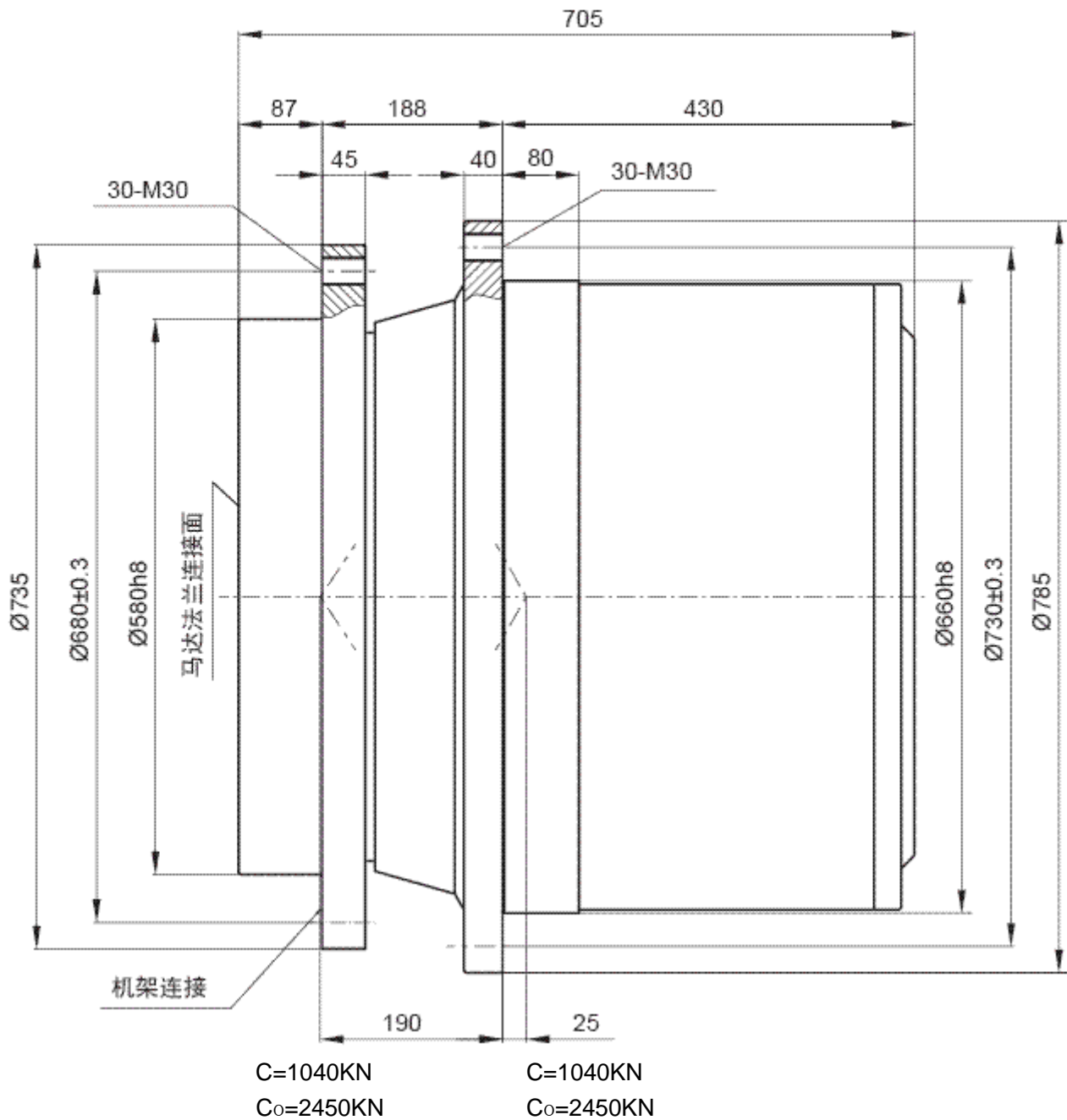


Technical Data

Max. output torque N.m	Ratio i	Hydraulic motor model	Max. input rotation r/min	Static brake torque N.m	Brake working pressure MPa	N.weight kg
220000	189.9	A2FE107	2000	1200-2400	1.8-5	830
	246.1	A2FE125				
	293	A2FE160				
		A2FE180				



GFT 330T3 series Travel Reducer



Technical Data

Max. output torque N.m	Ratio i	Hydraulic motor model	Max. input rotation r/min	Static brake torque N.m	Brake working pressure MPa	N.weight kg
330000	168.9	A2FE250	2000	1500-3500	1.8-5	1230
	209.9					
	252	A2FE355				
	302.4					