

● IGC-BB Series Planetary Gearbox with Dual Brakes

1.Description

The IGC-BB drive series added brake on the basis of the IGC drive series, widely used in wheeled walking equipment. Advanced design experience and modern fabrication processes warrant outstanding load carrying capacity and operational safety.

2.Special Features

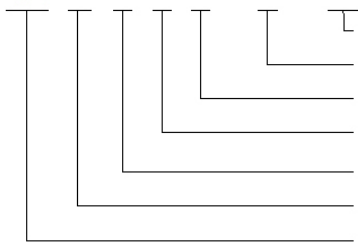
- High performance
- 3-5 Planetary wheels per stage
- Different ratios
- Integrated disc-brake
- High availability by highest teeth and production quality

3.Proven application

- Wheel drives
- Reel and winchdrives

4.Model Options

IGC ** T * BB - * - ***

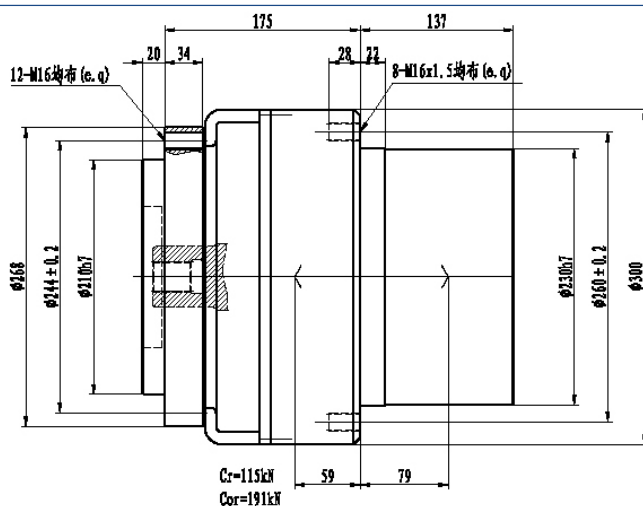


Hydraulic motor or electromotor model
Total ratio
BB=double brakes
The stages of gearbox
T=travel drives
Hydrostatic drives series
Basic prefix of INI hydrostatic drives

5.Options Example

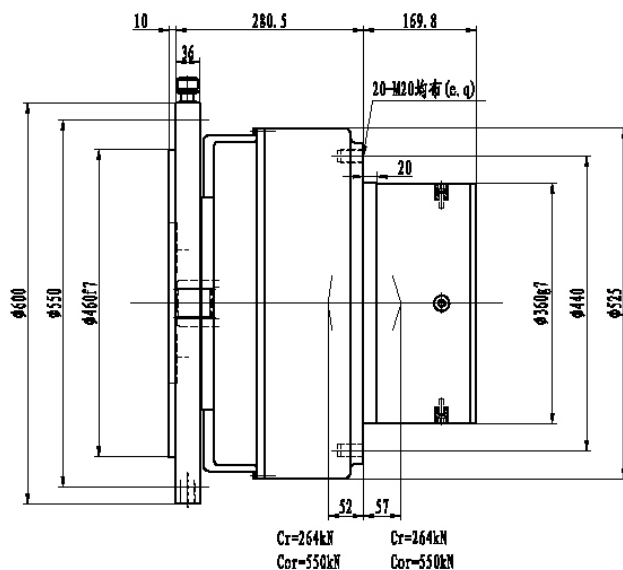
IGC9T2-BB27.93-A2FE80/6.1WVAL10 represents that the series drive is 36 with maximum output torque of 9kNm two stages planetary gearbox with a total ratio of 27.93 and double brakes and could be fitted with axial piston hydraulic motor of A2FE80/6.1WVAL10.

● IGC9T2-BB



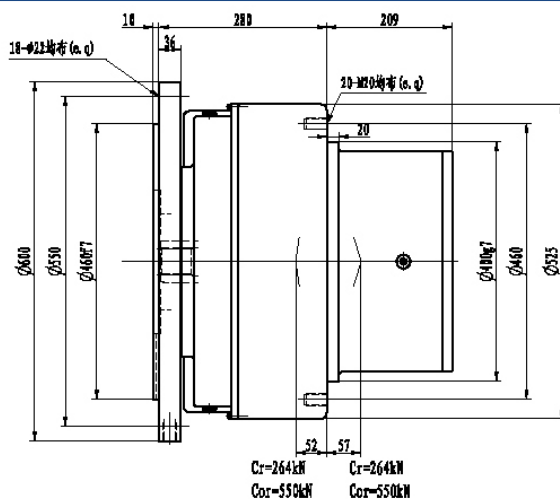
最大输出扭矩 Output Torque T_{max} Nm	传动比 Ratio i	最高输入转速 Max. Input Speed r/min	驻车制动扭矩 Parking Brake Torque $T_{Br max}$ Nm	驻车制动器压力 Parking Brake Press. MPa	行车制动扭矩 Working Brake Torque $T_{Br max}$ Nm	行车制动器压力 Working Brake Press. MPa
9000	27.93	8000	200	2-5	6500	8

● IGC36T2-BB



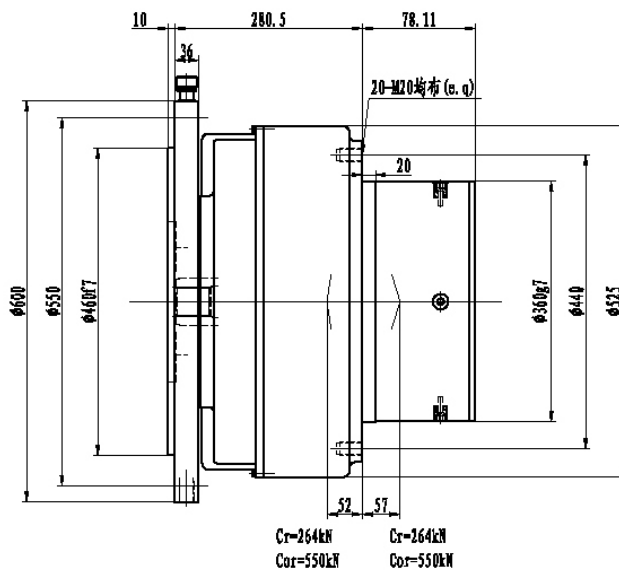
最大输出扭矩 Output Torque T_{max} Nm	传动比 Ratio i	最高输入转速 Max. Input Speed r/min	驻车制动扭矩 Parking Brake Torque $T_{Br max}$ Nm	驻车制动器压力 Parking Brake Press. MPa	行车制动扭矩 Working Brake Torque $T_{Br max}$ Nm	行车制动器压力 Working Brake Press. MPa
30000	23 · 33 · 45.3 · 37	5000	430	2-5	32000	10.6

- **IGC50T2-BB**



最大输出扭矩 Output Torque T _{max} Nm	传动比 Ratio i	最高输入转速 Max. Input Speed r/min	驻车制动扭矩 Parking Brake Torque T _{Br max.} Nm	驻车制动器压力 Parking Brake Press. MPa	行车制动扭矩 Working Brake Torque T _{Br max.} Nm	行车制动器压力 Working Brake Press. MPa
35000	60.6 : 86.8	4200	320	2-5	46000	9

● IGC150T2-BB



最大输出扭矩 Output Torque T _{max} Nm	传动比 Ratio i	最高输入转速 Max. Input Speed r/min	驻车制动扭矩 Parking Brake Torque T _{Br max.} Nm	驻车制动器压力 Parking Brake Press. MPa	行车制动扭矩 Working Brake Torque T _{Br max.} Nm	行车制动器压力 Working Brake Press. MPa
116000	147.7	4000	750	2~5	100000	11