

F06T1-P-18HXY

Single Speed Two Stages Gearbox

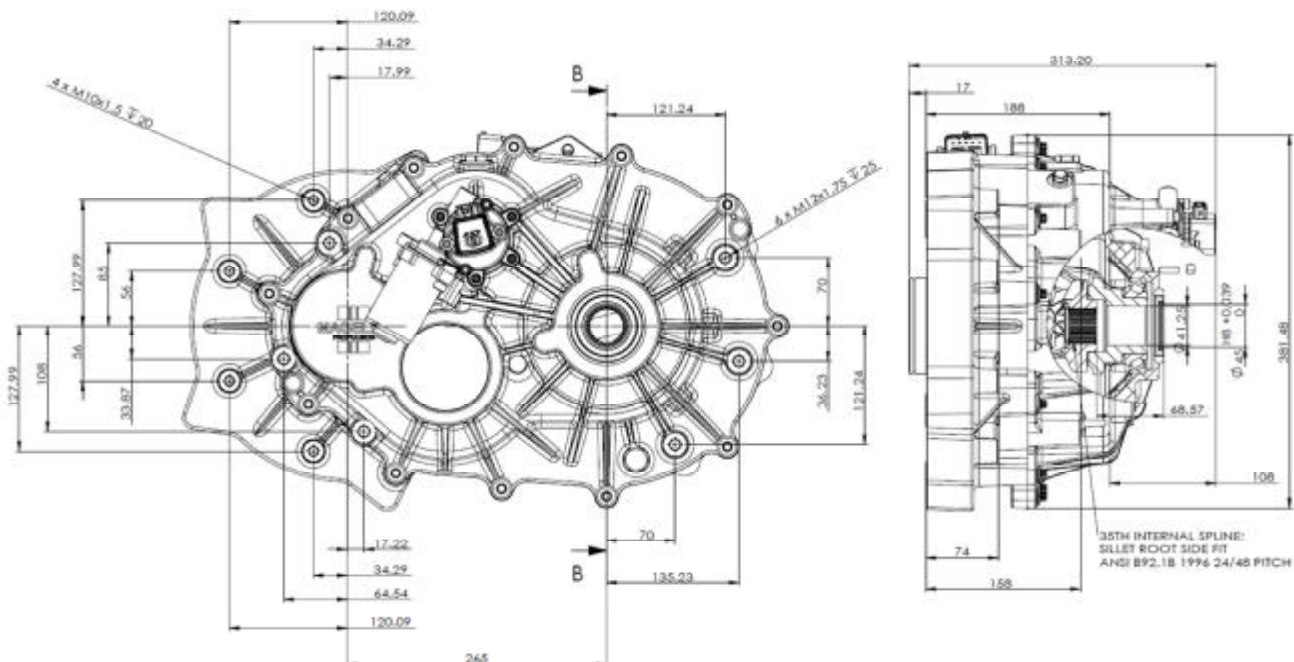
Features

- High Efficiency Low Noise Helical Gear train
- E-Motor Interface: Adaptable Flange to MAGELEC MGUs
- Accommodates different vehicle packaging:
Assembly angle: 0 – 20 degrees (other Angle need to be validated)
- Wide range of reduction ratios: 5.90 ~ 13.32,
Enables optimization of vehicle acceleration and top speed
- High Input Speed
- Pumpless lubrication
- Park Lock System (optional):
 - § Electronic shift-by-wire park lock system (ePark)
 - § ECU Integral to actuator (CAN capable)



Typical Applications

- Transmission for BEV
- Drive Transaxle for HEV
- Powertrain for EV
- Special application on demand

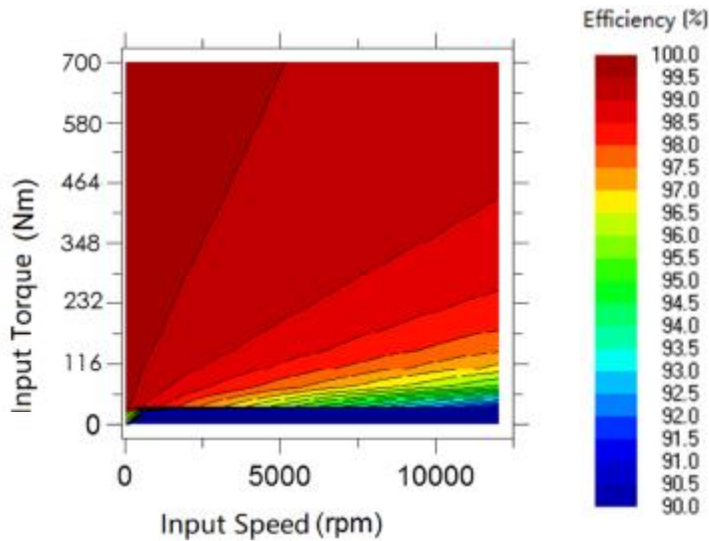


Specifications

F06T1-P-18HX	
Single Speed Two Stages Gearbox	
Max Input Torque [Nm]	700
Max Input Speed [rpm]	12,000
Center Distance [mm]	265
Reduction Ratio Range	5.9, 7.42, 8.55, 9.46, 9.94, 10.79, 12.36, 13.32
Total Weight (dry) [kg]	49.5
Efficiency [%]	≥97%
Application	Transversal
Fit with Magelec MGUs	M21Px, M24Px, M27Px
Differential Type	Open
Max Output Torque [Nm]	7500
Gear Type	Helical
Lubrication Type	Splash
Park Lock (Option)	YES
Output Flange (Option)	YES

Efficiency Map

Forward Driving



Backward Driving

