



CONVEYOR TRACK DRIVE GEAR UNIT



This gear unit is mainly in conveyor track drive in automation assembly and painting plant particularly in automobile industries.

The gear consists of first worm pair and second stage helical pair special with vertical output shaft download is supported by plumber block bearing which is mounted on conveyor drive frame. A sprocket delivers motion to the conveyor chain directly from the output side of the gear box through a sprocket whose teeth mesh with the links of the conveyor chain. The drives are fixed or a floating frame and generally installed along any horizontal straight run of conveyor track.

Technical Specification :

| 1 st STAGE WORM PAIR | 2 ND STAGE HELICAL PAIR | TOTAL RATIO |
|--------------------------------|----------------------------------|----------------|
| C.D.=5" | C.D.=200 mm | |
| 9.67/1 | 5.533/1 | 53.504/1 |
| 30/1 | 5.375/1 | 161.25/1 |
| 60/1 | 5.375/1 | 322.5/1 |
| TRANSMITTING POWER CAPACITY | | |
| MIN. 2.3KW@600RPM | | |
| MAX. 15KW@1750RPM | | |

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