Tsubaki Pin Gear Drive Unit Selection Service Sheet (For Rotational Drives)

Complete this sheet to receive a report on the selection result.

Company: _____ **Name:** _____

Department: _____ **Phone/Fax:** _____

E-mail: _____ **Tsubaki dealer:** _____

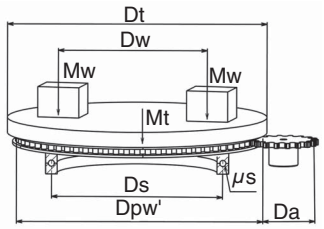
Machinery used: (Please attach a layout diagram if possible.)

❶Specifications

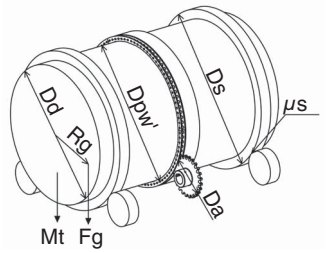
☐ Steel models ☐ Steel models High anti-rust specification

☐ Stainless steel models

* Table drive



* Drum drive



❷Drive system

☐ Outer drive ☐ Inner drive

❸Pin wheel size

Mounting part diameter [ ] mm or Pitch circle diameter (Dpw') [ ] mm

❹Movable component/conveyor component

* For table drive

Outer diameter of table (Dt) [ ] mm Load rotation diameter (Dw) [ ] mm

Table weight (Mt) [ ] kg Total load (Mw) [ ] kg

* For drum drive

Drum outer diameter (Dd) [ ] mm Working radius (Rg) [ ] mm

Total weight (Mt) [ ] kg Workload (Fg) [ ] kN

❺Coefficient of friction

Rotational support diameter (Ds) [ ] mm Coefficient of friction of rotational support (μs) [ ]

❻Operating conditions

Table/drum rotation speed [ ] r/min Acceleration/deceleration time [ ] sec

Operation status ☐ Even load ☐ Load with small impacts ☐ Load with large impacts

Daily operating time [ ] Hours

No. of start/stop operations per hour [ ] Operations

❼Pin gear specifications

Pitch circle diameter (Da) [ ] mm or Pin gear outer diameter [ ] mm or No. of pin gear teeth [ ]

Hub type ☐ B (Single hub) ☐ C (Dual hub)

❽Other specifications (Include details such as required reduction gear ratio, usage conditions, operation patterns, and other relevant points.)

[ ]

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