

Design Data Sheet for Selection of Friction Materials

Date: _____

Please fill in the form below and send it to us by fax or mail.

Company Name / Factory Name _____

Contact Name / Department _____

Basic Data

Kind of machine _____ Horsepower _____

Applications (main clutches for construction machineries, reversing clutches for ships, overload protection clutches for motors, hoist brakes, etc..)

Number of disks per unit (friction disk, opposing plate) _____

Size (inner diameter, outer diameter, thickness of core plate, overall thickness, teeth specification, others, drawing number; two copies of drawings are required)

Estimated demand volume (per month, per year, lot) _____

Conditions for Use

Environment: dry or wet _____ Lubricating oil _____

Torque capacity _____ Number of friction surfaces _____

Designed friction coefficient _____ Wear limit _____

Unit pressure (friction area) _____ (Tooth surface) _____

Relative speed / Revolution speed _____ Engagement time _____

Energy dissipation _____ Engagement frequency _____

Oil supply method _____ Oil flow rate _____

Estimated temperature (Oil) _____ (Friction surface) _____

Materials for core plate _____ Materials for opposing plate _____

Special instruction _____

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