

K-SERIES BEARINGS



THE K-SERIES BEARING

1. The K-Series bearing can be provided with an assortment of materials and colors, depending on the applications. Along with acetal resins, other resins can be used based on lubricity, wear resistance, and weight reduction.
2. The K-Series bearing uses a lubricious plastic for its outer race, which enables integral molding of timing gears, pulleys, and etc; it is then press fitted along the periphery of the bearing.
3. The K-Series bearing is a specialty bearing and is designed per customer requirements and specifications.

BASIC SIZES

Bore diameter [mm]	Basic outside diameter [mm]	Basic width [mm]
4	16 ^{*1} ≤	4 ≤
5	16 ≤	4 ≤
6	16 ≤	7 ≤
7	18 ≤	7 ≤
8	18.5 ≤	7 ≤
9	24 ≤	7 ≤
10	24 ≤	7 ≤

* 1 Root diameter for gear.

APPLICATIONS

- Wire pulleys
- Tension pulleys
- Sprocket gears
- Timing gears
- Involute gears

DESIGN CONDITIONS TO BE PREARRANGED

- Maximum working load
- Maximum number of revolutions while running
- Applications (objectives, working mechanisms etc.)
- Environment

DESIGN EXAMPLE

