



Miniature Bearings

OPTIMA bearings marketed by myonic are manufactured in Japan.

The bearings are available in metric and inch , in sizes dimensions between 1,2 mm & 45 mm bore diameter.

Product Range



Metric Series / with flange

- 600 / F600
- 680 / F680
- 690 / F690
- MR / MF



Inch Series / with flange

- R / FR

Thrust Ball Bearings

- F3 F10



Extra Thin Metric / with flange

- 6700 / F6700
- 6800 / F6800
- 6900 / F6900



Technical Characteristics

Bearing type	Metric or inch
Sizes of inner ring	Ø 1,2mm to 45mm
Seals and Shields	Z, ZZ, ZZS , RS, 2RS, 2RU
Cages	W (one piece steel), J (two pieces steel)
Material	Chrome steel 100 Cr6 Stainless steel X65Cr13 or X102CrMo17, except 6000 and 6200 series
Tolerances	P0 to P5 (Abec 1 to Abec 5) standard tolerance = P0
Clearance	MC1 to MC6 standard clearance = MC3 (5-10 µm)
Lubricants	Oil, Grease.

Applications : robots, medical, equipment, office, machines, optical, instruments, measuring equipment, motors, card readers, food processing, machines, printing machines, textile machines, pumps.

