

Bearing Details

Frame Size	Bearing Nos. C3 Clearance	
	DE	NDE
71	6202 2Z	6203 2Z
80	6004 2Z	6204 2Z
90S, 90L	6205 2Z	6305 2Z
100L	6206 2Z	6307 2Z
112M	6206 2Z	6308 2Z
132S, 132M	6208 2Z	6308 2Z

Applications

Brake Motors are used for numerous applications. A few of them are listed below:

- Textile Machinery
- Machine Tools
- Printing Machine
- Crane and Hoists
- Material Handling Equipments
- Leather Processing Machines
- Geared Motors
- Cable Reeling Drums
- Rolling Mills

Enquiry Details

When placing an enquiry kindly furnish the following information.

1. Application details
2. Output and speed
3. Duty cycle with number of starts/stops per hour
4. Ambient temperature and special environmental factors likely to affect the motor, if any
5. Method of mounting
6. Load GD^2 referred to motor shaft *
7. Braking torque required *
8. Maximum permissible stopping time
9. Any other special features required

* These are inter-related parameters and related by following formula:

$$\text{Total Stopping time } T_s = \frac{GD^2 \times N}{375 \times T} + t_{app}$$

Where

T = Braking torque in kgm

GD^2 = load GD^2 + rotor GD^2

N = Speed of rotation in r.p.m.

t_{app} = brake application time

