

## Ball Bearings

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### Product Description

| BALL BEARINGS APPLICATIONS |                                                                    |
|----------------------------|--------------------------------------------------------------------|
| BEARING NO.                | APPLICATIONS                                                       |
| 6007 2RS                   | MARUTI 800/1000                                                    |
| 6201 2RS                   |                                                                    |
| 6202 2RS                   |                                                                    |
| 6203 2RS                   |                                                                    |
| 6204                       | TATA 407/608/709/909/1009/1615/1210/1312/1510/1612/2213            |
| 6204 2RS                   | MARUTI CAR/VAN, HINDUSTAN MOTORS                                   |
| 6205                       | HIPPO, BEAVER, ALRD-20                                             |
| 6205 2RS                   | LEYLAN , IVECO, CARGO-709                                          |
| 6206                       | TATA 1312/ 1516                                                    |
| 6206 ZZ                    | MITSUBISHI TRACTOR POWER TILLER                                    |
| 6206 2RS                   | TATA 807/1516                                                      |
| 6207                       | M&M INT. 434/444/475/575/585, EICHER 241/242, HMT 2511/3511, ZETOR |

|          |                                                                              |
|----------|------------------------------------------------------------------------------|
| 6207 N   | KIRLOSKAR TRACTOR D-4006 K                                                   |
| 6207 ZZ  | TATA MOBILE 206/207, ESTATE , SIERRA                                         |
| 6207 2RS | TATA ACE                                                                     |
| 6208     | TATA 608/609/709/1210, M&M TRACTOR 444/475/575/585/255 DI                    |
| 6208 N   | M&M JEEP,FC, TRUCK, MM-540/FJ 460D, HMT 2511/3511, ZETOR                     |
| 6208 ZZ  | FORD D-1210, MF-1035/ 1035 DI/ 245                                           |
| 6208 2RS | FORD D-1210, MF-1035/ 1035 DI/ 245                                           |
| 6209     | ESCORT E-340/E-355/440, HMT 5911/4511, M&M INT. 434/444/475, SONALIKA S- 735 |
| 6209 N   | HINDUSTAN TRACTOR 35                                                         |
| 6209 ZZ  | KIRLOSKAR TRACTOR D-4006 K                                                   |
| 6209 2RS | MASSEY FERGUSON M&M TRACTOR                                                  |
| 6210     | M&M INT. 434/444/475/575/585, EICHER 241/242, SWARAJ 855, SONALIKA S-735     |
| 6210 N   | MASSEY FERGUSON 1035/1035 DI/245, HINDUSTAN HMT 5911/ 4511                   |
| 6210 ZZ  | MASSEY FERGUSON M&M TRACTOR                                                  |
| 6210 2RS | MASSEY FERGUSON M&M TRACTOR                                                  |
| 6211     | TATA 2416/2516/1616TC,EICHER 241/242/312,M&M INT.434/444/475                 |
| 6212     | EICHER TRA.241/242/312/364,M&M TRA.255 DI/275 TO/B 275,SONALICA S-735        |
| 6212 ZZ  | EICHER TRA.241/242/312/364,M&M TRA.255 DI/275 TO/B 275,SONALICA S-735        |

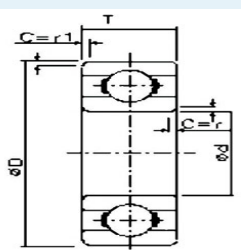
|          |                                                                        |
|----------|------------------------------------------------------------------------|
| 6213     | EICHER TRACTOR 241/242/312/364,M&M INT.434/444/475/575/585             |
| 6214     | LEYLAND BEAVER/HIPPO,EICHER 241/242/312/364,M&M 444/475/575/585        |
| 6215     | ESCORTS/FORD 3000/3600 TRA.FT 45/55/60/E.325/E-335/POWER TRACK 430/440 |
| 6301 2RS | TATASUMO/ SAFARI                                                       |
| 6302 2RS | TATA 121013151516FORD 3000/ 3600/M&M JEEP FC TRUCK                     |
| 6303 2RS | MAZDA T-3500 CONTESSA CLASSIC, MARUTI CAR                              |
| 6304     | DCM TOYOTA DYNA.AMBASSADOR,HINDUSTAN HWD-35/35                         |
| 6304 ZZ  | HINDUSTAN HMT ZETOR 2511/3511/5911                                     |
| 6304 N   | MARUTI OMNI/ MINIDOOR                                                  |
| 6305     | EICHER 241/242, MITSUBISHI TRACTOR MT 180-D                            |
| 6305 ZZ  | EICHER 241/242, MITSUBISHI TRACTOR MT 180-D                            |
| 6305 2RS | TATA 2516/3516 , AALLWYN NISSAN                                        |
| 6306     | M&M JEEP FC TRUCK MM-540, TATA 206/207/ESTATE/SIERRA                   |
| 6306 ZZ  | FORKLIFT VOLTAS                                                        |
| 6307     | M&M JEEP FC TRUCK MM-540/FJ 460D, HMT 2511/3511/ZETOR                  |
| 6307 ZZ  | FORKLIFT VOLTAS 3 TON                                                  |
| 6308     | HMT TRACTOR ZETOR 2511/3511                                            |
| 6308 N   | JEEP, FC TRUCK, NISSAN, JONGA, BEDFORD J-4, J-6                        |

|           |                                                    |
|-----------|----------------------------------------------------|
| 6308 ZZ   | SWARAJ MAZDA (T 3500) LAY SHAFT                    |
| 6308 ZN   | DODGE-1, 5, 7.5, MITSUBISHI CANTER, MERCEDECE BENZ |
| 6309      | ZETOR 2511/3511                                    |
| 6309 N    | COMET 1611/ SUPER/ TAURUS/ TIPPER/ NC/ BISON       |
| 6309 ZZ   | MASSEY FERGUSON M&M TRACTOR                        |
| 6309 ZN   | MASSEY FERGUSON M&M TRACTOR                        |
| 6310      | HINDUSTAN HWD 35/50                                |
| 6310 N    | COMET 1611/ SUPER/ TAURUS/ TIPPER/ NC/ BISON       |
| 6311      | HINDUSTAN HMT 5911/4511                            |
| 6312      | BEAVER/HIPPO, 444/475/575/585                      |
| 6313      | NEW HOLLAND TRACTOR, FORD 3630/5630                |
| 6314      | MARUTI                                             |
| 6207WOS   | TATA SUMO/SAFARI/407                               |
| 6208WOS   | TATA 608/609/709/1210/1312                         |
| 6211WOS   | TATA ALL HEAVY MODELS SINCE 1996                   |
| 6212 WOS  | TATA 4018                                          |
| 6011WOS   | LEYLAND TUSKER                                     |
| 88507 WOS | TATA 407 TURBO                                     |

|           |                     |
|-----------|---------------------|
| 88508 WOS | LEYLAND CARGO       |
| 88509 WOS | TATA 1613           |
| 88511 WOS | TATA 2518 EX / 4018 |
| 7240 WOS  | EICHER CANTER       |

## Technical Specifications

### Technical Specifications



| Bearing |      |                     |    |    |     |     |            |      |          |        |          |
|---------|------|---------------------|----|----|-----|-----|------------|------|----------|--------|----------|
| Sr. No  | No.  | BOUNDARY DIMENSIONS |    |    |     |     | BASIC LOAD |      | LIMITING |        | (Refer)  |
|         |      | (mm)                |    |    |     |     | RATINGS    |      | SPEEDS   |        | Brg.Mass |
|         |      |                     |    |    |     |     | (Kgf)      |      | (RPM)    |        | (Kgs)    |
|         |      |                     |    |    |     |     | Dynamic    |      | Static   |        |          |
|         |      | d                   | D  | T  | r1  | r   | C          | co   | Oil      | Grease |          |
| 8       | 6007 | 35                  | 62 | 14 | 1.5 | 1.5 | 1630       | 1050 | 13000    | 11000  | 0.155    |
| 1       | 6203 | 17                  | 40 | 12 | 1   | 1   | 975        | 485  | 21000    | 17000  | 0.065    |
| 2       | 6204 | 20                  | 47 | 14 | 1.5 | 1.5 | 1310       | 680  | 17000    | 15000  | 0.106    |
| 3       | 6304 | 20                  | 52 | 15 | 2   | 2   | 1620       | 800  | 17000    | 14000  | 0.144    |
| 4       | 6205 | 25                  | 52 | 15 | 1.5 | 1.5 | 1430       | 800  | 15000    | 13000  | 0.128    |
| 5       | 6305 | 25                  | 62 | 17 | 2   | 2   | 2090       | 1140 | 13000    | 11000  | 0.232    |

|    |      |    |     |    |     |     |      |      |       |       |       |
|----|------|----|-----|----|-----|-----|------|------|-------|-------|-------|
| 6  | 6206 | 30 | 62  | 16 | 1.5 | 1.5 | 1980 | 1160 | 13000 | 11000 | 0.199 |
| 7  | 6306 | 30 | 72  | 19 | 2   | 2   | 2720 | 1530 | 12000 | 9600  | 0.346 |
| 8  | 6207 | 35 | 72  | 17 | 2   | 2   | 2610 | 1570 | 11000 | 9300  | 0.288 |
| 9  | 6307 | 35 | 80  | 21 | 2.5 | 2.5 | 3400 | 1960 | 10000 | 8500  | 0.457 |
| 10 | 6208 | 40 | 80  | 18 | 2   | 2   | 2970 | 1820 | 10000 | 8300  | 0.366 |
| 11 | 6308 | 40 | 90  | 23 | 2.5 | 2.5 | 4150 | 2440 | 9200  | 7700  | 0.633 |
| 12 | 6209 | 45 | 85  | 19 | 2   | 2   | 3330 | 2080 | 9200  | 7700  | 0.407 |
| 13 | 6309 | 45 | 100 | 25 | 2.5 | 2.5 | 4980 | 3000 | 8100  | 6800  | 0.833 |
| 14 | 6210 | 50 | 90  | 20 | 2   | 2   | 3570 | 2370 | 8500  | 7100  | 0.463 |
| 15 | 6310 | 50 | 110 | 27 | 3   | 3   | 6300 | 3870 | 7300  | 6100  | 1.07  |
| 16 | 6211 | 55 | 100 | 21 | 2.5 | 2.5 | 4420 | 2990 | 7600  | 6300  | 0.607 |
| 17 | 6311 | 55 | 120 | 29 | 3   | 3   | 7280 | 4540 | 6700  | 5600  | 1.37  |
| 18 | 6212 | 60 | 110 | 22 | 2.5 | 2.5 | 5440 | 3590 | 6900  | 5700  | 0.783 |
| 19 | 6312 | 60 | 130 | 31 | 3.5 | 3.5 | 8330 | 5280 | 6200  | 5200  | 1.7   |
| 20 | 6213 | 65 | 120 | 23 | 2.5 | 2.5 | 5830 | 4080 | 6400  | 5400  | 0.99  |
| 21 | 6215 | 75 | 130 | 25 | 2.5 | 2.5 | 6750 | 5020 | 5800  | 4800  | 1.18  |

**NOTE :**

1) Variations such as N, Z, ZZ, RS, 2RS, K can be provided against customer's request.

2) Technical / Design features are subject to change due to improvements carried out."