



Bearing No. 81218-TV

|                |                                             |
|----------------|---------------------------------------------|
|                | GS81218 / Allocated housing locating washer |
| m              | 1,77 kg / Weight                            |
| d              | 90 mm                                       |
| D              | 135 mm                                      |
| T              | 35 mm                                       |
| Noun           | Bearing                                     |
| Banded         | No                                          |
| UNSPSC         | 31171507                                    |
| Height         | 1.378 Inch   35 Millimeter                  |
| Bore 2         | 3.661 Inch   93 Millimeter                  |
| Bore 1         | 3.543 Inch   90 Millimeter                  |
| Category       | Thrust Roller Bearings                      |
| Keyword 3      | Cylindrical                                 |
| Inventory      | 0.0                                         |
| Size (mm)      | 90x135x35                                   |
| Width (mm)     | 35                                          |
| Weight / LBS   | 3.903                                       |
| Inch - Metric  | Metric                                      |
| Cage Material  | Polyamide                                   |
| Self Aligning  | No                                          |
| Product Group  | B04144                                      |
| n <sub>G</sub> | 2550 1/min / Limiting speed                 |
| D <sub>1</sub> | 93 mm                                       |
| d <sub>1</sub> | 135 mm                                      |
| n <sub>B</sub> | 910 1/min / Reference speed                 |
| C              | 290000 N / Dynamic                          |

|                        |                                                                                                                                                                                                                                     |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| a                      | load rating (axial)                                                                                                                                                                                                                 |
| Bearing number         | 81218-TV                                                                                                                                                                                                                            |
| Keyword String         | Thrust Roller Cylindrical                                                                                                                                                                                                           |
| Other Features         | Single Row   Axial<br>Cylindrical Roller   High<br>Axial Load                                                                                                                                                                       |
| C <sub>ua</sub>        | 94000 N / Fatigue limit<br>load                                                                                                                                                                                                     |
| C <sub>0a</sub>        | 890000 N / Static load<br>rating (axial)                                                                                                                                                                                            |
| Thrust Bearing         | Yes                                                                                                                                                                                                                                 |
| r <sub>min</sub>       | 1,1 mm                                                                                                                                                                                                                              |
| Rolling Element        | Cylindrical Roller<br>Bearing                                                                                                                                                                                                       |
| Precision Class        | ABEC 1   ISO P0                                                                                                                                                                                                                     |
| Long Description       | 90MM Bore 1; 93MM<br>Bore 2; 135MM Outside<br>Diameter; 35MM Height;<br>Cylindrical Roller<br>Bearing; Single<br>Direction; Not Self<br>Aligning; Not Banded;<br>Polyamide Cage; ABEC<br>1   ISO P0; Roller<br>Assembly plus Racewa |
| Manufacturer URL       | <a href="http://www.ina.com">http://www.ina.com</a>                                                                                                                                                                                 |
| Outside Diameter       | 5.315 Inch   135<br>Millimeter                                                                                                                                                                                                      |
| Manufacturer Name      | SCHAEFFLER GROUP                                                                                                                                                                                                                    |
| Weight / Kilogram      | 2.12                                                                                                                                                                                                                                |
| Bore Diameter (mm)     | 90                                                                                                                                                                                                                                  |
| Outer Diameter (mm)    | 135                                                                                                                                                                                                                                 |
| Minimum Buy Quantity   | N/A                                                                                                                                                                                                                                 |
| Component Description  | Roller Assembly plus<br>Raceways                                                                                                                                                                                                    |
| Harmonized Tariff Code | 8482.50.00.00                                                                                                                                                                                                                       |
| Manufacturer Item      | 81218TN                                                                                                                                                                                                                             |



|                                                                    |                                                                 |
|--------------------------------------------------------------------|-----------------------------------------------------------------|
| Number                                                             |                                                                 |
| Single or Double Direction                                         | Single Direction                                                |
| Overall Height with Aligning Washer                                | 0 Inch   0 Millimeter                                           |
| - K81218-TV / Allocated axial cylindrical roller and cage assembly | K81218TV / Allocated axial cylindrical roller and cage assembly |