

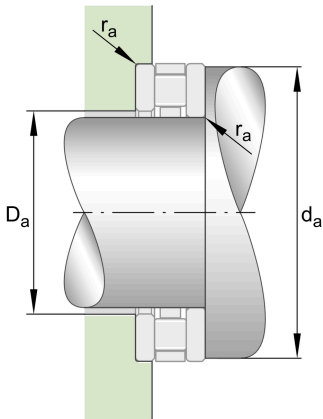
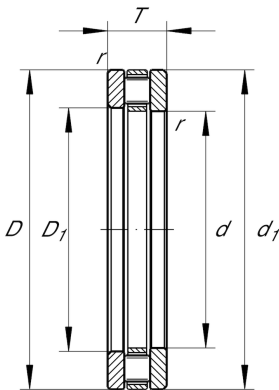
81210-TV

Axial cylindrical roller bearing

Schaeffler ID:  
0007167150000

Axial cylindrical roller bearings 874, single  
direction, comprising K874, GS, WS

Technical information



Main Dimensions & Performance Data

|                 |               |                                  |
|-----------------|---------------|----------------------------------|
| d               | [50] mm       | Bore diameter                    |
| D               | [78] mm       | Outside diameter                 |
| T               | [22] mm       | Height                           |
| C <sub>a</sub>  | [118,000] N   | Basic dynamic load rating, axial |
| C <sub>0a</sub> | [315,000] N   | Basic static load rating, axial  |
| C <sub>ua</sub> | [28,000] N    | Fatigue load limit, axial        |
| n <sub>G</sub>  | [4,500] 1/min | Limiting speed                   |
| n <sub>gr</sub> | [1,550] 1/min | Reference speed                  |
|                 | [361.5] g     | Weight                           |

Mounting dimensions

|                    |         |                                      |
|--------------------|---------|--------------------------------------|
| d <sub>a min</sub> | [75] mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | [53] mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | [1] mm  | Maximum recess radius                |

Dimensions

|                  |         |                              |
|------------------|---------|------------------------------|
| D <sub>1</sub>   | [52] mm | Bore diameter housing washer |
| d <sub>1</sub>   | [78] mm | Rip diameter shaft washer    |
| r <sub>min</sub> | [1] mm  | Minimum chamfer dimension    |

Temperature range

|                  |          |                            |
|------------------|----------|----------------------------|
| T <sub>min</sub> | [-30] °C | Operating temperature min. |
| T <sub>max</sub> | [120] °C | Operating temperature max. |

Additional information

|             |                                |
|-------------|--------------------------------|
| [K81210-TV] | Axial roller and cage assembly |
| [GS81210]   | Housing Washer                 |
| [WS81210]   | Shaft washer                   |
| [LS7095]    | Track Washer                   |