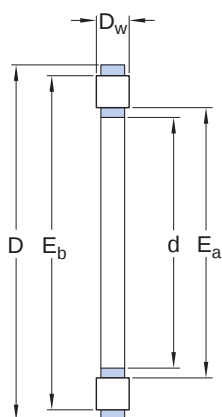


K 81116 TN

Cylindrical roller and cage thrust assemblies are designed to accommodate heavy axial loads and peak loads in one direction, but not radial loads. Thrust assemblies can be used in applications where the adjacent components serve as raceways and enable bearing arrangements with a low axial section heights. Where the adjacent components cannot serve as raceways, they can be combined with one or two bearing washers to create complete bearings.



- High axial load carrying capacity
- High stiffness
- Long service life
- Require little axial space
- Can be combined with bearing washers



Dimensions		
d	80 mm	Bore diameter
D	105 mm	Outside diameter
D _w	7.5 mm	Diameter roller
E _a	83 mm	Raceway diameter (min.) roller and cage thrust assembly
E _b	102 mm	Raceway diameter (max.) roller and cage thrust assembly

Calculation data

Basic dynamic load rating	C	81.5 kN
Basic static load rating	C ₀	335 kN
Fatigue load limit	P _u	34 kN
Reference speed		1 500 r/min
Limiting speed		3 000 r/min
Minimum axial load factor	A	0.00898

Associated products

Shaft washer	WS 81116
Housing washer	GS 81116
Universal washer	LS 80105

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: table, table, values

DESIGN CONSIDERATIONS

- table

BEARING INTERFACES

- Seat tolerances for standard conditions

AGA BEARINGS