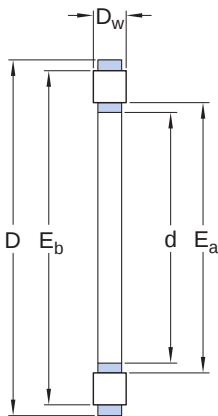


K 81144 M

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	220 mm	Bore diameter
D	270 mm	Outside diameter
D _w	15 mm	Diameter roller
E _a	226 mm	Raceway diameter (min.) roller and cage thrust assembly
E _b	263 mm	Raceway diameter (max.) roller and cage thrust assembly

Calculation data

Basic dynamic load rating	C	335 kN
Basic static load rating	C ₀	1 700 kN
Fatigue load limit	P _u	137 kN
Reference speed		670 r/min
Limiting speed		1 300 r/min
Minimum axial load factor	A	0.231

Associated products

Shaft washer	WS 81144
Housing washer	GS 81144

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: table, table, values

DESIGN CONSIDERATIONS

- table

BEARING INTERFACES

- Seat tolerances for standard conditions

AGA BEARINGS