



### Technical information



#### Your current product variant

Cage	Standard	Polyamide cage
Type of Sealing	2Z	Minimal gap seal on both sides
Arrangement bearing set	SU	Single bearing
Lubricant	L055	Greased with Arcanol MULTITOP (L055)



### Main Dimensions & Performance Data

d	25 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,005 mm	Bore diameter lower tolerance
D	62 mm	Outside diameter
	0 mm	Outside diameter upper tolerance
	-0,007 mm	Outside diameter lower tolerance
B	15 mm	Width
	0 mm	Width upper tolerance
	-0,12 mm	Width lower tolerance
$C_a$	32.000 N	Basic dynamic load rating, axial
$C_{0a}$	64.000 N	Basic static load rating, axial
$C_{ua}$	3.850 N	Fatigue load limit, axial
$n_G$ Grease	6.700 1/min	Limiting speed for grease lubrication
$n_g$	5.400 1/min	Thermally safe operating speed
$\approx m$	0,24 kg	Weight

### Mounting dimensions

$D_a$	54 mm	Diameter of housing
$D_a$	H12	Diameter of housing clearance
$d_a$	38 mm	Diameter shaft
$d_a$	h12	Diameter shaft clearance

### Dimensions

$r_{min}$	1 mm	Minimum chamfer dimension
$r_{1 min}$	0,6 mm	Minimum chamfer dimension
a	39,4 mm	Distance between the apexes of the pressure cones
$\alpha$	60 °	Contact angle








### Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	120 °C	Operating temperature max.

### Additional information

$M_R$	0,13 Nm	Bearing frictional torque
$c_{aL}$	1.001 N/μm	Rigidity axial
	2 μm	Axial runout
	ZMA25/45	Recommended INA precision locknut for radial locking
	AM25	Recommended INA precision locknut for axial locking
$M_A$	30 Nm	Tightening torque for the recommended INA precision locknut
	11.810 N	Required locknut force axial

### Characteristics

-   $F_r$  Radial load
-   $F_a$  Axial load in one direction
-   $L_h$  Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides