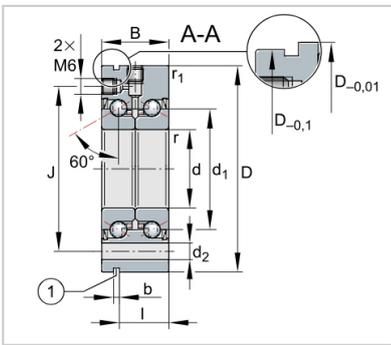


## ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

### ZKLF Axial angular contact ball bearings-



Designation	ZKLF3590-2RS-PE
Mass $m = \text{kg}$	1.13
Dimensions	
$d -0,005$	35
$D -0,01$	90
$B -0,25$	34
$d_1$	52
$r \text{ min.}$	0.3
$r_1 \text{ min.}$	0.6
$J$	75
$d_2$	8.8
$b$	3
$l$	25
Pitch $n \times t$	$8 \times 45^\circ$
Mounting dimensions	
$Da \text{ max.}$	62
$da \text{ min.}$	45
$t_1$	0.2
Fixing screws	DIN EN ISO 4762 10.9
Size	M8
$n \times t_a$	$4 \times 90^\circ$
Basic load ratings axial	
dyn. $C_a \text{ N}$	41000
stat. $C_{0a} \text{ N}$	89000
Fatigue limit load $C_u$	3950
$N$	
Limiting speed $n_G$	4400
grease min-1	
Thermally safe	2000
operating speed $n_P$	
min-1	
Bearing frictional torque	0.6
$M_R \text{ Nm}$	
Rigidity axial $c_{aL} \text{ N}/\mu\text{m}$	900
Tilting rigidity $c_{kL}$	400
Mass moment of inertia	1.51
$M_m$	
Axial runout $\mu\text{m}$	5
Recommended INA precision locknut	
For radial locking	ZM35
For axial locking	AM35/58
Tightening torque $M_A$	40
$N_m$	
Required locknut force	10770
axial $N$	