

# ZAXFM1255 INA 12x55x20mm J 45 mm Complex bearings

Bearing number	ZAXFM1255
Size (mm)	12x55x20
Brand	INA
Bore Diameter (mm)	12
Outer Diameter (mm)	55
Width (mm)	20
d	12 mm
D	55 mm / The bearing outer ring is blue anodised
B	20 mm
1)	/ Lubricant feed
B <sub>1</sub>	5 mm
D <sub>a min</sub>	35 mm
d <sub>1</sub>	5.3 mm
d <sub>2</sub>	34 mm
d <sub>3</sub>	4.3 mm
d <sub>a max</sub>	19 mm
H	35 mm
H <sub>1</sub>	10 mm
H <sub>2</sub>	15 mm
J	45 mm
m	M12X1

t	24 mm
W	3 mm / Grub screw to DIN 913
m	160 g / Weight
	M5 / Fixing screws to DIN 912
$C_a$	9600 N / Dynamic load rating (axial)
$C_{\theta a}$	24500 N / Static load rating (axial) $P_{\theta} \text{ zul} = 0.5 \times C_{\theta a}$
$n_{G \text{ Fett}}$	1200 1/min / Limiting speed
$M_{RL}$	6 Ncm / Frictional moment
	0.05 mm / Axial runout accuracy
$C_{aL}$	550 N/ $\mu\text{m}$ / Axial rigidity
$M_m$	0.1221 kg x cm <sup>2</sup> / Mass moment of inertia for rotating inner ring and integral setting nut
$M_m$	5 Nm / Grub screw to DIN 913