



25.08.2026, 09:47:10 UTC

SCHAEFFLER

YRTSMA395

Axial/radial roller bearing

Axial/radial bearings, double direction, screw mounting, for higher speeds, with integrated absolute angular measuring system

Informacje techniczne



Angular measuring system integrated	MA	With an absolute angular measuring system
-------------------------------------	----	---

Main Dimensions & Performance Data

d	395 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,023 mm	Bore diameter lower tolerance
D	525 mm	Outside diameter
	0 mm	Outside diameter upper tolerance
	-0,028 mm	Outside diameter lower tolerance
H	65 mm	Height
C _r	121.000 N	Basic dynamic load rating, radial
C _{0r}	390.000 N	Basic static load rating, radial
C _a	214.000 N	Basic dynamic load rating, axial
C _{0a}	1.540.000 N	Basic static load rating, axial
n _G	650 1/min	Limiting speed
≈m	32,2 kg	Masa

Karta katalogowa jest jedynie przeglądem wymiarów i podstawowych nośności wybranego produktu. Zawsze należy stosować się do wszystkich dalszych informacji i instrukcji dotyczących tego produktu. Na naszej stronie internetowej znajduje się formularz kontaktowy umożliwiający wysłanie zapytania o dalsze informacje



Mounting dimensions

J	415 mm	Pitch circle diameter fixing holes in inner ring
J 1	505 mm	Pitch circle diameter fixing holes in outer ring
d 1	9,3 mm	Fixing holes diameter inner ring
d 2	15 mm	Counterbore diameter of fixing holes
a	8,2 mm	Counterbore depth of fixing holes
	46	Quantity of fixing holes inner ring
d 3	9,3 mm	Fixing holes diameter outer ring
	45	Quantity of fixing holes outer ring
n	48	Pitch quantity
t	7,5 °	Pitch separation angle
G	M12	Threaded extraction hole
	3	Quantity of threaded extraction hole
M A	34 Nm	Screw tightening torque
	2	Quantity of retaining screws
t 1	6 µm	Axial and radial runout, measurement standard; Measured on mounted bearing, with ideal adjacent construction.

Dimensions

H 1	42,5 mm	Height contact face outer ring
	0,06 mm	Height contact face outerring H1 upper tolerance
	-0,07 mm	Height contact face outerring H1 lower tolerance
H 2	22,5 mm	Height contact face outer ring
D 1 max	487,7 mm	Maximum diameter inner ring
C	20 mm	Width of outer ring

Temperature range

T min	-30 °C	Operating temperature min.
T max	120 °C	Operating temperature max.



Additional information

c_{aL}	14.000 N/μm	Axial rigidity of bearing position
c_{rL}	8.000 N/μm	Radial rigidity of bearing position
c_{kL}	351.000 Nm/mrad	Tilting rigidity of bearing position
c_{aW}	23.400 N/μm	Axial rigidity of rolling element set
c_{rW}	8.700 N/μm	Radial rigidity of rolling element set
c_{kW}	582.000 Nm/mrad	Tilting rigidity of rolling element set
M_m	4.254 kg*cm2	Mass moment of inertia for rotating outer ring
M_m	8.352 kg*cm2	Mass moment of inertia for rotating inner ring

Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Momenty względem wszystkich osi
-  Smarowanie smarem
-  Bez uszczelnienia
-  Łożysko gabarytowe