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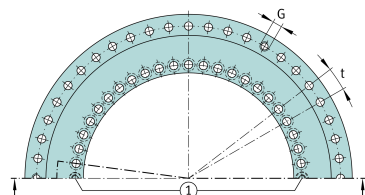
SCHAEFFLER

YRTCM395-XL

Axial/radial roller bearing

Axial/radial bearings, double direction, screw mounting, with integrated angular measuring system

Informacje techniczne



Twoja aktualna wersja produktu

Main Dimensions & Performance Data



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
	0,05 mm	Height contact face outerring H1 upper tolerance
	-0,05 mm	Height contact face outerring H1 lower tolerance
H 2	22,5 mm	Height contact face outer ring
	0,025 mm	Height contact face outerring H2 upper tolerance
	-0,025 mm	Height contact face outerring H2 lower tolerance
H M	17,5 mm	Height shaft washer
D 1 max	487,7 mm	Maximum diameter inner ring
D M	485,02 mm	Diameter of dimensional scale on shaft locating washer
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}	19.800 N/μm	Axial rigidity of bearing position
c _{rL}	8.100 N/μm	Radial rigidity of bearing position
c _{kL}	448.000 Nm/mrad	Tilting rigidity of bearing position
c _{aW}	37.000 N/μm	Axial rigidity of rolling element set
c _{rW}	13.000 N/μm	Radial rigidity of rolling element set
c _{kW}	1.002.000 Nm/mrad	Tilting rigidity of rolling element set

Właściwości

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