

# Spherical roller bearings 222SM110-TVPA FAG

## 222SM110T FAG Properties

<b>d</b>	110 mm	
<b>D</b>	215 mm	
<b>C</b>	58 mm	
<b>B</b>	98 mm	
<b>r<sub>min</sub></b>	2,1 mm	
<b>m</b>	12,1 kg	Mass
<b>Cr</b>	460000 N	Basic dynamic load rating, radial
<b>e</b>	0,25	
<b>Y1</b>	2,71	
<b>Y2</b>	4,04	
<b>C<sub>0r</sub></b>	590000 N	Basic static load rating, radial
<b>Y<sub>0</sub></b>	2,65	
<b>n<sub>G</sub></b>	1430 1/min	Limiting speed
<b>Cur</b>	47000 N	Fatigue limit load, radial
<b>F<sub>a max</sub></b>	13800 N	Permissible axial load, for inner ring without axial abutment
<b>Mi</b>	35 Nm	Tightening

<b>Ma</b>	14 Nm	torque per clamping screw Tightening torque per clamping screw
	22224K	Designatio n, spherical roller bearing, unsplit
	H3124	Designatio n, adapter sleeve
	SNV215	Designatio n, plummer block housing