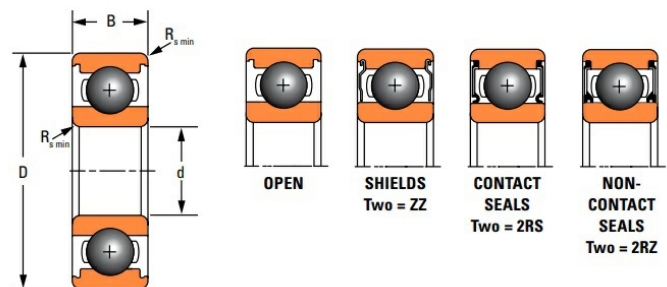


623ZZ



New Designations :	623ZZ	
Old Code :	80023	
Main demensions :	3 × 10 × 4	Bore Dia × Outside Dia × Width Dia (mm)
M :	0.0016 kg	Weight
HS Code :	8482102000	Bearing customs code
ID :	3 mm	Inside diameter(I.D.)
OD :	10 mm	Outside diameter(O.D.)
T(B) :	4 mm	Thickness(W.D.)
C :	0.61 kN	Radial dynamic load rating
C0 :	0.212 kN	Radial static load rating
Grease rpm :	65984 r/min	Reference speed
Oil rpm :	77962 r/min	Limiting speed
Category :	Miniature ball bearings	

Detailed parameters and installation dimensions:

Part Number	623ZZ
Cage	Stamping steel cage
Load	radial
Speed ratings (grease) - n _B	65984 min ⁻¹

Speed ratings (oil) - n_G	77962 min ⁻¹
Seal	ZZ = double shields
Seal Material	Low-carbon pressed steel
Series	6 = extra-small (6..-ZZ)
Temperature - T(min)	-50 °C
Temperature - T(max)	120 °C
Units	metric
Bearing Mass - m	0.0016 kg 0.0035 lb
Ring Material	GCr15SiMn
Lubrication	No
Dimension Inside - d ϕ	3 mm 0.1181 inch
Dimension Outside - D Φ	10 mm 0.3937 inch
Dimension Width - B	4 mm 0.1575 inch
Ball Material	GCr15SiMn
Rows NO.	One
Interchangeable	TIMKEN 623ZZ
Radius - R_s min	0.15 mm 0.0059 inch
Tolerance class	P0 (ABEC-1)
Radial Dynamic Capacity - C_r	610 N 137 lbf
Radial Static Capacity - C_{0r}	212 N 47 lbf
Manufacturer Part Code	623-ZZ
Bearing Type	Miniature and Extra-Small 620 Series Miniature Ball Bearings
RIC	C0

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