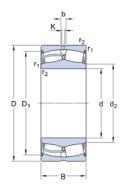


24015-2RS5/VT143

Spherical roller bearings

Bearing data Tolerances, Normal, P6, P5, tapered bore 1:12, tapered bore 1:30, Radial internal clearance, cylindrical bore, tapered bore Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

Technical specification

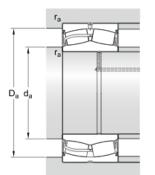


DIMENSIONS

d	75 mm
D	115 mm
В	40 mm
d ₂	≈ 81.8 mm
D ₁	≈ 106 mm
b	6 mm
К	3 mm
r _{1,2}	min. 1.1 mm



d _a	min. 81 mm
d _a	max. 81.5 mm
D _a	max. 109 mm
r _a	max. 1 mm



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CALCULATION DATA

Basic dynamic load rating	С	181 kN
Basic static load rating	C ₀	232 kN
Fatigue load limit	Pu	28.5 kN
Limiting speed		2300 r/min
Calculation factor	е	0.28
Calculation factor	Y ₁	2.4
Calculation factor	Y ₂	3.6
Calculation factor	Y ₀	2.5

MASS

Mass bearing	1.55 kg
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More information

Product details	Product details	Engineering ir	fornEanloionneering in	formation	Tools
Designs and variants Bearing data Loads Tempera ture limits Permissi ble speed Design c onsiderati ons Mounting Designati on system	Designs and variants Bearing data Loads Tempera ture limits Permissi ble speed Design c onsiderati ons Mounting Designati on system	Principles of rolling bearing selection General bearing k nowledge Bearing failure and how to prevent it	Principles of rolling bearing selection General bearing k nowledge Bearing failure and how to prevent it	SimPro Quick Bearing Select Engineer ing Calcul ator Housing Select LubeSele ct for SKF greases Drive-up Method Program Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i nstructio riEool and Accessory Selector for sleeves and shafts	SimPro Quick Bearing Select Engineer ing Calcul ator Housing Select LubeSele ct for SKF greases Drive-up Method Program Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i nstructio nEool and Accessory Selector for sleeves and shafts



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