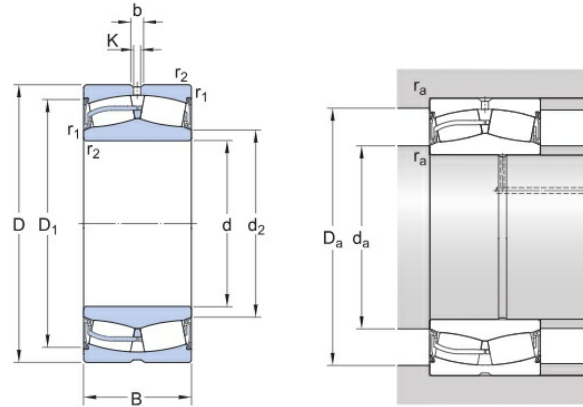


## 24013-2RS5W/C3S3VT143B

Spherical roller bearing, Double row



### Technical sheet of 24013-2RS5W/C3S3VT143B

<b>Type :</b>	Spherical Roller Bearings	
<b>Model :</b>	<a href="#">24013-2RS5W/C3S3VT143B</a>	
<b>Main demensions :</b>	65 mm × 100 mm × 35 mm	Bore Dia × Outside Dia × Width Dia
<b>M kg:</b>	0.953	Mass
<b>HS Code :</b>	8482300000	Bearing customs code
<b>d mm:</b>	65	inner ring diameter
<b>D mm:</b>	100	Outer ring diameter
<b>B(T) mm:</b>	35	Overall Width
<b>Cr kN:</b>	134.932	Radial dynamic load rating
<b>C0r kN:</b>	153.58	Radial static load rating

#### Detailed parameters and installation dimensions:

Part Number	24013-2RS5W/C3S3VT143B
Units	Metric
Series	240 series (240..-2RS5W/C3S3VT143B)
Dynamic Radial Capacity - $C_r$	134932 N   30332 lbf
Static Radial Capacity - $C_{0r}$	153580 N   34524 lbf

Temperature - T(min)	-40 °C
Temperature - T(max)	150 °C
Bore Type	Cylindrical
Cage	stamped steel cages
Rows NO.	Two
Bearing Mass - m	0.953 kg   2.101 lb
RIC	C3
Seal	2RS5 = Contact seal, HNBR, on both sides
Seal type	Contact
Bearing Type	Spherical roller bearing, Double row
Interchangeable	SKF 24013-2RS5W/C3S3VT143B
Load	radial and axial loads
Locating	No
Principal Dimension Inside - d $\phi$	65 mm   2.559 inch
Principal Dimension Outside - D $\Phi$	100 mm   3.937 inch
Principal Dimension Width - B	35 mm   1.378 inch
Misalignment	2 degrees
Heat stabilization	300°F (150°C)
Rolling Element Material	GCr15SiMn
Inner/Outer Ring Material	GCr15SiMn
Manufacturer Part Code	24013-2RS5W/C3S3VT143B
Lubrication	VT143B = Filled to 45 - 60% with LGEP 2 grease
Relubrication	No
Tolerance dimensions	P0 (ISO Class NORMAL / ABEC-1)
Tolerance run-out	P5 = (ISO Class 5 / ABEC-5)

**NOTE:** All other trademarks are the property of their respective owners used for the purpose of compatibility description and product identification only. Tradebearings is not affiliated with, endorsed by, or sponsored by the holders of these trademarks.

**24013-2RS5W/C3S3VT143B features:**

With its superior load-bearing capacity, self-aligning capability, resistance to shock and vibration, high operational accuracy and stability, long service life and high reliability, simplified installation and maintenance, and classic engineering solution addressing the three major challenges of "heavy load, shock, and misalignment," this component boasts unparalleled robustness, adaptability, and load-bearing capacity, can accommodate heavy loads in both directions making it an indispensable core component in heavy machinery and harsh environments.

**24013-2RS5W/C3S3VT143B application:**

Roll necks for rolling mills (plate, wire, and bar mills); continuous casting equipment; vibrating screens; crushers (jaw crushers, cone crushers); ball mills and rotary kilns; drying drums for large paper machines (withstanding heavy loads in high-temperature and high-humidity environments); bucket elevators; drive and idler drums for large belt conveyors; generator main shafts (withstanding enormous, directional loads and bending moments); marine stern shafts, deck cranes, and steering gears; gearboxes (especially large, low-speed, heavy-duty gearboxes).

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