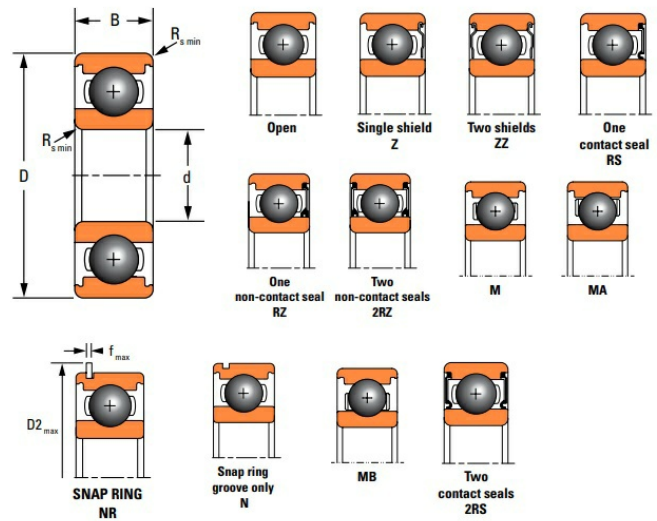


## 6205.RS



### Technical sheet of 6205.RS

<b>Type :</b>	Single row deep groove ball bearings	
<b>Model :</b>	<a href="#">6205.RS</a>	
<b>Main dimensions :</b>	25 mm × 52 mm × 15 mm	Bore Dia × Outside Dia × Width Dia
<b>M kg:</b>	0.13	Mass
<b>HS Code :</b>	8482102000	Bearing customs code
<b>d mm:</b>	25	inner ring diameter
<b>D mm:</b>	52	Outer ring diameter
<b>B(T) mm:</b>	15	Overall Width
<b>Cr kN:</b>	13.505	Radial dynamic load rating
<b>C0r kN:</b>	7.775	Radial static load rating
<b>Grease r/min:</b>	13968	Reference speed
<b>Oil r/min:</b>	19987	Limiting speed

#### Detailed parameters and installation dimensions:

Part Number	6205.RS
Cage	Stamping steel cage
Load	radial
Speed ratings (grease) - $n_B$	13968 min <sup>-1</sup>

Speed ratings (oil) - $n_G$	19987 min <sup>-1</sup>
Seal	RS = single contact seal
Seal Material	Nitrile Buna Rubber with steel case
Series	62 = light (62..-RS)
Temperature - T(min)	-40 °C
Temperature - T(max)	120 °C
Units	metric
Bearing Mass - m	0.13 kg   0.2866 lb
Ring Material	GCr15SiMn
Lubrication	No
Dimension Inside - d $\phi$	25 mm   0.9843 inch
Dimension Outside - D $\Phi$	52 mm   2.0472 inch
Dimension Width - B	15 mm   0.5906 inch
Ball Material	GCr15SiMn
Rows NO.	One
Interchangeable	TIMKEN 6205.RS
Radius - $R_s$ min	1 mm   0.0394 inch
Tolerance class	P0 (ABEC-1)
Radial Dynamic Capacity - $C_r$	13505 N   3035 lbf
Radial Static Capacity - $C_{0r}$	7775 N   1747 lbf
Manufacturer Part Code	6205-RS
Bearing Type	Standard 6200 Series Deep Groove Ball Bearings
RIC	C0

**Tradebearing(TBS):** <https://en.tradebearings.com/>

Email: [admin@tradebearings.com](mailto:admin@tradebearings.com)

Whatsapp/Mob.: +86 15906428604