

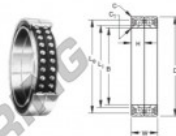
# Deep groove ball bearing double row Y80-PWI-CR-DB-RBC - Y80-PWI-CR-DB-RBC

<https://www.123bearing.co.uk/bearing-housing/deep-groove-bearing/double-row/y80-pwi-cr-db-rbc>

**Y-PWI SERIES**  
**TOLERANCE TABLES & RECOMMENDED FITS**

**RBC**  
BEARINGS

- Mounted in duplex pairs
- Seal types as follows:
  1. Composition washer with synthetic rubber seal bonded to it.
  2. Synthetic rubber seal retained by composition washer.
  3. Synthetic rubber seal retained by cadmium plated spring steel or stainless steel washer.
- Exposed surfaces except bore are cadmium plated
- Prepacked with lubricant conforming to MIL-G-25537



**DIMENSIONS — TOLERANCES**

Bearing Number	B Bore	D Outside Diameter	W Width	H Height	L	L <sub>1</sub>	L <sub>2</sub>	C <sub>1</sub> <sup>1)</sup> Inner Ring Radius	C <sub>2</sub> <sup>1)</sup> Outer Ring Radius	Balls No. Size (Std. Bearing)	Weight (Std. Bearing)	Type of Steel	
													±0.002
Y80PW-CR-DB	127	155.75	31.75	47.19	127	127	127	3.05	3.05	44	570	1.30	52

**LOAD RATINGS**

Bearing Number	Radial Load Rating		Limit Moment Rating		Moment Constant	Rated Radial Capacity at Various RPM			Nominal Preload
	Static	Dyn.	Static	Dyn.		1000	500	100	
Y80PW-CR-DB	47300	21000	47100	47100	311	370	2810	1100	200

The limit load ratings shown apply only to Airframe Control position where bearings are used for auxiliary service.  
Note: These bearings should not be used as thrust rings, anti-friction shafts, and the like.  
Equivalent Radial Load = 0.5 x Radial Load + 1.0 x Thrust Load or = Radial Load, whichever is greater.  
Peak Thrust Rating = 50% Radial Rating at operating speed.  
1) These ratings are for single bearings.  
2) Heavy duty indicates limiting speeds recommended for double bearings; for higher speeds, seals should be removed.

## PRODUCT FEATURES

Brand	RBC
N° Ean13	3663952554242
Inside diameter	127 mm
Outside diameter	155.75 mm
Thickness	31.75 mm
Weight	535 g
Packaging	1

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