

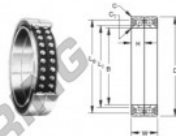
Deep groove ball bearing double row Y80-PWI-CR-DB-RBC - Y80-PWI-CR-DB-RBC

<https://www.123bearing.eu/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 ₁	L ₂	C ₁ ¹⁾ Inner Ring Radius	C ₂ ¹⁾ 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	5210

LOAD RATINGS

Bearing Number	Radial Load Rating		Limit Moment Rating		Moment Constant	Rated Radial Capacity at Various RPM			Nominal Preload			
	Stk	g	Stk	g		Stk	g	Stk				
Y80PW-CR-DB	47300	21000	47100	47100	311	270	1800	2810	11000	2200	200	440

The limit load ratings shown apply only to Airframe Control position when bearings are used for auxiliary service.
Note: These bearings should not be used as track rollers, anti-friction rolls, 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) Basic ratings are for single bearings.
2) Heavy duty indicates limiting speeds recommended for double bearings; for higher speeds, users should be notified.

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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