

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

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Y-PWI SERIES
TOLERANCE TABLES & RECOMMENDED FITS

• 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	Bore	D Outside Diameter	W Widths	H	L	L1	L2	C1 ¹⁾ Inner Ring Radius	C2 ¹⁾ Outer Ring Radius	Balls No. Size	Weight (lb. oz.)	Weight (kg)
Y80PW-CR-DB	127	155.75	31.75	127	127	127	127	127	127	14	1.90	2.00
	127.000 - 127.003	155.750 - 155.753	31.750 - 31.753	127.000 - 127.003	127.000 - 127.003	127.000 - 127.003	127.000 - 127.003	127.000 - 127.003	127.000 - 127.003	14	1.90	2.00

LOAD RATINGS

Bearing Number	Radial Load Rating	Thrust Load Rating	Limit Moment Rating	Moment Constant	Rated Radial Capacity at Various RPM ²⁾ Based on 7500 Hours Average Life ³⁾	Rated Thrust Capacity at Various RPM ²⁾ Based on 7500 Hours Average Life ³⁾
Y80PW-CR-DB	21000	21000	42100	211	1770	1800
	21000	21000	42100	211	1770	1800

The load ratings shown apply only to Airframe Control position where bearings are used for auxiliary service.
Note: These bearings should not be used as high speed, non-ferrous, and the like.
Equivalent Radial Load = 0.5 x Radial Load + 1.0 x Thrust Load or = Radial Load, whichever is greater.
Pilot Thrust Rating = 0.5 x Radial Rating at operating speed.
1) These ratings are for single bearings.
2) Heavy duty includes limiting speeds recommended for sealed 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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