



Robert Williams <williams.a.robert@gmail.com>

bearing Quote

9 messages

Robert Williams <williams.a.robert@gmail.com>

13 February 2018 at 11:28

To: Frank Mayer <mayer.f@statewidebearings.com.au>

Hi Frank

I am looking for a quote for bearings for a project I am currently involved in at south metro tafe. I need a price for 698-2RS JP
Currently I need 96 units but could increase to 128. The project is still in the design phase but manufacturing should commence in 8 weeks.

Regards,
Robert Williams

Frank Mayer <mayer.f@statewidebearings.com.au>
To: Robert Williams <williams.a.robert@gmail.com>

13 February 2018 at 12:46

*Hi Robert,**96-128 x 698-2RS JP \$4.50ea + GST.**1 x BAG 3Kkg \$16.00 + GST.**Delivery 2-3 Working Days ARO STPS.**Regards,*

Frank Mayer
Power Transmission Sales

Statewide Bearings[67 Kewdale Road](#)[Kewdale WA 6105](#)

T (08) 9352 2200

F (08) 9352 2244

www.statewidebearings.com.au

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From: Robert Williams [mailto:williams.a.robert@gmail.com]**Sent:** Tuesday, 13 February 2018 11:28 AM**To:** Frank Mayer**Subject:** bearing Quote

[Quoted text hidden]

Robert Williams <williams.a.robert@gmail.com>

13 February 2018 at 13:00

To: Frank Mayer <mayer.f@statewidebearings.com.au>

Hi Frank,

Just for clarification is the BAG required for shipping purposes

Regards,
Robert

[Quoted text hidden]

Frank Mayer <mayer.f@statewidebearings.com.au>

13 February 2018 at 13:04

To: Robert Williams <williams.a.robert@gmail.com>

*Bag is to get them over from the east coast to our Kewdale Warehouse.**We could get them over in a stock order but could take 3-4 weeks depending on when the order is placed and if stock is still available with no freight charge.**Regards,*

Frank Mayer
Power Transmission Sales

Statewide Bearings[67 Kewdale Road](#)[Kewdale WA 6105](#)

6/5/2018

Gmail - bearing Quote

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From: Robert Williams [mailto:williams.a.robert@gmail.com]
Sent: Tuesday, 13 February 2018 1:00 PM
To: Frank Mayer
Subject: Re: bearing Quote

[Quoted text hidden]

Robert Williams <williams.a.robert@gmail.com>
To: Frank Mayer <mayer.f@statewidebearings.com.au>

13 March 2018 at 14:23

Hi Frank,

Can I please get a price on the NSK 7204A bearings, I just need 2 of them for now for prototyping

Regards,
Robert
[Quoted text hidden]

Frank Mayer <mayer.f@statewidebearings.com.au>
To: Robert Williams <williams.a.robert@gmail.com>

13 March 2018 at 14:48

Good day, are you using these individually or back to back?

Regards,

Frank Mayer
Power Transmission Sales

Statewide Bearings

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From: Robert Williams [mailto:williams.a.robert@gmail.com]
Sent: Tuesday, 13 March 2018 2:23 PM

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[Quoted text hidden]

Robert Williams <williams.a.robert@gmail.com>
To: Frank Mayer <mayer.f@statewidebearings.com.au>

13 March 2018 at 14:53

They will be used individually

Regard,

Robert
[Quoted text hidden]

Frank Mayer <mayer.f@statewidebearings.com.au>
To: Robert Williams <williams.a.robert@gmail.com>

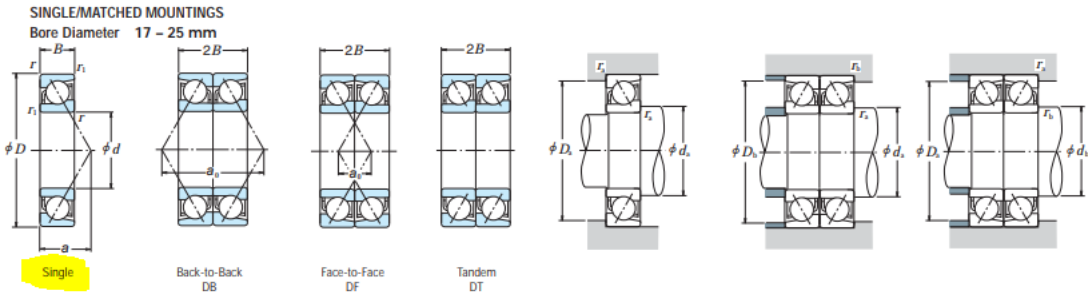
13 March 2018 at 15:06

Best we can offer is the following.

2 x 7204 B JP \$20.00ea + GST. Ex-Stock Kewdale.

ANGULAR CONTACT BALL BEARINGS

NS



Dynamic Equivalent Load $P = X F_r + Y F_a$

Contact Angle	e	Single, DT		DB or DF	
		$F_r/F_a \leq e$	$F_r/F_a > e$	$F_r/F_a \leq e$	$F_r/F_a > e$
15°	0.174	0.38	1	0	0.44
	0.357	0.40	1	0	0.44
	0.714	0.43	1	0	0.44
	1.07	0.46	1	0	0.44
	1.43	0.47	1	0	0.44
	2.14	0.50	1	0	0.44
25°	3.57	0.55	1	0	0.44
	5.35	0.56	1	0	0.44
30°	—	0.68	1	0	0.41
	—	0.80	1	0	0.39
40°	—	1.14	1	0	0.35

*For α , use 2 for DB, DF and 1 for DT.

Static Equivalent Load $P_0 = X_0 F_r + Y_0 F_a$

Contact Angle	Single, DT		DB or DF	
	X_0	Y_0	X_0	Y_0
15°	0.5	0.46	1	0.92
25°	0.5	0.38	1	0.76
30°	0.5	0.33	1	0.66
40°	0.5	0.26	1	0.52

Single or DT mounting when $P_0 > 0.5 F_r$ use $P_0 = F_r$

Boundary Dimensions (mm)					Basic Load Ratings (Single) (N)				Factor	Limiting Speeds (r/min) ^a	Eff Load Centers (mm)	Abutment and Fillet Dimensions (mm)			Mass (kg)	
<i>d</i>	<i>D</i>	<i>B</i>	<i>r</i>	<i>r</i> ₁	<i>C</i> _r	<i>C</i> _{0r}	<i>C</i> _e	<i>C</i> _{0e}	<i>f</i> ₀	Grease Oil	<i>d</i> _a	<i>D</i> _a	<i>r</i> _a	approx.		
17	30	7	0.3	0.15	4 750	2 800	485	286	—	30 000	40 000	9.0	19.5	27.5	0.3	0.017
	30	7	0.3	0.15	5 000	2 940	510	299	14.8	34 000	48 000	6.6	19.5	27.5	0.3	0.017
	35	10	0.3	0.15	6 400	3 800	655	390	—	22 000	30 000	12.5	19.5	32.5	0.3	0.040
	35	10	0.3	0.15	6 600	3 800	675	390	14.5	32 000	43 000	8.5	19.5	32.5	0.3	0.044
	40	12	0.6	0.3	10 800	6 000	1 100	610	—	20 000	28 000	14.2	22	35	0.6	0.067
	40	12	0.6	0.3	9 950	5 500	1 010	565	—	14 000	19 000	18.0	22	35	0.6	0.068
20	40	12	0.6	0.3	11 600	6 100	1 180	625	—	16 000	22 000	18.2	22	35	0.6	0.065
	40	12	0.6	0.3	10 900	5 850	1 110	595	13.3	28 000	38 000	9.8	22	35	0.6	0.075
	47	14	1	0.6	15 900	8 650	1 630	880	—	14 000	19 000	16.2	23	41	1	0.116
	47	14	1	0.6	14 800	8 000	1 510	820	—	13 000	17 000	20.4	23	41	1	0.118
	47	14	1	0.6	16 800	8 300	1 720	850	—	14 000	20 000	20.4	23	41	1	0.113
	47	14	1	0.6	16 800	8 300	1 720	850	—	14 000	20 000	20.4	23	41	1	0.113
25	37	9	0.3	0.15	6 600	4 050	675	410	—	24 000	32 000	11.1	22.5	34.5	0.3	0.036
	37	9	0.3	0.15	6 950	4 250	710	430	14.9	28 000	38 000	8.3	22.5	34.5	0.3	0.036
	42	12	0.6	0.3	10 800	6 600	1 110	670	—	18 000	24 000	14.9	25	37	0.6	0.068
	42	12	0.6	0.3	11 100	6 550	1 130	665	14.0	26 000	36 000	10.1	25	37	0.6	0.076
	47	14	1	0.6	14 500	8 300	1 480	845	—	17 000	22 000	16.7	26	41	1	0.108
	47	14	1	0.6	13 300	7 650	1 360	780	—	12 000	16 000	21.1	26	41	1	0.109

Bearing Numbers (°)			Basic Load Ratings (Matched)				Limiting Speeds (°) (Matched)		Load Center Spacings (mm)		Abutment and Dimensions (r)		
Single	Duplex		(N)		(kgf)		(min ⁻¹)		DB	DF	d _b (°)	D _a	
			C _r	C _{0r}	C _r	C _{0r}	Grease	Oil					
7903 A5	DB	DF	DT	7 750	5 600	790	570	24 000	32 000	18.0	4.0	—	28.8
7903 C	DB	DF	DT	8 150	5 850	830	600	28 000	38 000	13.3	0.7	—	28.8
7003 A	DB	DF	DT	10 400	7 650	1 060	780	17 000	24 000	25.0	5.0	18.2	33.8
7003 C	DB	DF	DT	10 700	7 600	1 100	775	26 000	34 000	17.0	3.0	—	33.8
7203 A	DB	DF	DT	17 600	12 000	1 790	1 220	16 000	22 000	28.5	4.5	19.5	37.5
7203 B	DB	DF	DT	16 100	11 000	1 650	1 130	11 000	15 000	35.9	11.9	19.5	37.5
*7203 BEA				—	—	—	—	13 000	18 000	36.3	12.3	19.5	37.5
7203 C	DB	DF	DT	17 600	11 700	1 800	1 190	22 000	32 000	19.6	4.4	—	37.5
7303 A	DB	DF	DT	25 900	17 300	2 640	1 760	11 000	15 000	32.5	4.5	22	42
7303 B	DB	DF	DT	24 000	16 000	2 450	1 640	10 000	14 000	40.9	12.9	22	42
*7303 BEA				—	—	—	—	11 000	16 000	40.9	12.9	22	42
7904 A5	DB	DF	DT	10 700	8 100	1 090	825	19 000	26 000	22.3	4.3	—	35.8
7904 C	DB	DF	DT	11 300	8 500	1 150	865	22 000	32 000	16.6	1.4	—	35.8
7004 A	DB	DF	DT	17 600	13 200	1 800	1 340	15 000	20 000	29.9	5.9	22.5	39.5
7004 C	DB	DF	DT	18 000	13 100	1 840	1 330	20 000	30 000	20.3	3.7	—	39.5
7204 A	DB	DF	DT	23 500	16 600	2 400	1 690	13 000	19 000	33.3	5.3	25	42
7204 B	DB	DF	DT	21 600	15 300	2 210	1 560	9 500	13 000	42.1	14.1	25	42

Regards,
Frank Mayer
Power Transmission Sales

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Sent: Tuesday, 13 March 2018 2:53 PM

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Robert Williams <williams.a.robert@gmail.com>
To: Adam.Fiannaca@smtafe.wa.edu.au

3 April 2018 at 13:53

Adam here is the quote for the two bearings we need for the housing. we originally asked for the 7204 A type but he gave a quote on the 7204 B, its the same size bearing but with slightly less load capacity, this not an issue though as the 7204 A has a much higher load capacity than required.

Cheers,
Robert
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