

Low-friction, lightweight, and corrosion-resistant bearing

- Open bearing
- Working temperature: -200°C to +260°C
- Materials :
 - Balls: ZrO₂
 - Inner and outer rings: ZrO₂
 - Cage: PTFE

Advantages

- Less susceptible to wear
- No lubrication required
- Resistance to chemical solvents
- Ideal for low and high temperatures
- Durability in outdoor environments
- Excellent corrosion protection
- 60% lighter than the steel equivalent

Applications

- For highly corrosive/marine environments
- Applications subject to impact (more brittle than steel, but more durable than Si₃N₄)
- Applications requiring high mechanical strength
- For mechanical assemblies that must accommodate steel expansion

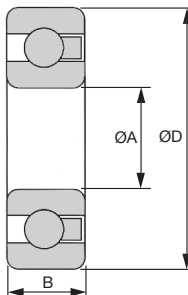


DISCOUNTS

Qty	1+	8+	16+
Disc.	List	-5%	On request

Part number	QA	QD	B	Dynamic load C1 (N)	Static load C0(N)	Mass (g)	Price each 1 to 7
Q608-ZR02	8	22	7	1976	827	14	
Q609-ZR02	9	24	7	2014	866	16	
Q628-ZR02	8	24	8	2000	854	18	
Q6000-ZR02	10	26	8	2730	1182	18	
Q6200-ZR02	10	30	9	3060	1434	32	
Q6300-ZR02	10	35	11	4860	2070	52	
Q6001-ZR02	12	28	8	3060	1422	22	
Q6201-ZR02	12	32	10	4080	1830	37	
Q6301-ZR02	12	37	12	5820	2520	60	
Q6002-ZR02	15	32	9	3360	1698	31	
Q6202-ZR02	15	35	11	4590	2250	45	

Dimensions in mm



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Part number	ØA	ØD	B	Dynamic load C1 (N)	Static load C0(N)	Mass (g)	Price each 1 to 7
Q6302-ZR02	15	42	13	6840	3270	83	
Q6003-ZR02	17	35	10	3600	1950	41	
Q6203-ZR02	17	40	12	5730	2880	67	
Q6303-ZR02	17	47	14	8160	3990	113	
Q6004-ZR02	20	42	12	5640	3000	68	
Q6204-ZR02	20	47	14	7680	3960	107	
Q6304-ZR02	20	52	15	9540	4740	145	
Q6005-ZR02	25	47	12	6060	3510	79	
Q6205-ZR02	25	52	15	840	4710	129	
Q6006-ZR02	30	55	13	7920	4980	116	
Q6206-ZR02	30	62	16	11700	6780	199	
Q6007-ZR02	35	62	14	9600	6180	151	
Q6207-ZR02	35	72	17	15420	9180	284	
Q6008-ZR02	40	68	15	10080	6900	190	
Q6208-ZR02	40	80	18	17460	10740	366	
Q6900-ZR02	10	22	6	1617	764	10	
Q6901-ZR02	12	24	6	1732	880	11	
Q6802-ZR02	15	24	5	1244	752	7,4	
Q6803-ZR02	17	26	5	1340	874	8,2	
Q6804-ZR02	20	32	7	2409	1477	18	
Q6805-ZR02	25	37	7	2582	1759	22	
Q6806-ZR02	30	42	7	2723	2041	27	

Dimensions in mm

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- Open bearing
- Working temperature: -200°C to +260°C
- Materials :
 - Balls: Si3N4
 - Inner and outer rings: Si3N4
 - Cage: PTFE

Advantages

- Less susceptible to wear
- No lubrication required
- Resistance to chemical solvents
- Ideal for low and high temperatures
- Durability in outdoor environments
- Excellent corrosion protection

Applications

- For high speeds
- For very high temperatures
- For applications requiring excellent wear resistance

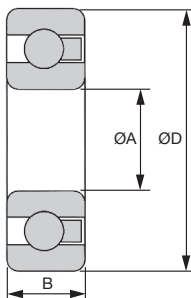


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Q6801-SI3N4	12	21	5	1149	625	6,3	
Q6901-SI3N4	12	24	6	1732	880	11	
Q6802-SI3N4	15	24	5	1244	752	7,4	
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Q6805-SI3N4	25	37	7	2582	1759	22	
Q6806-SI3N4	30	42	7	2723	2041	27	
Q6807-SI3N4	35	47	7	2837	2293	30	
Q6808-SI3N4	40	52	7	2954	2507	34	

Dimensions in mm

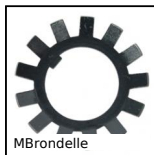
Our other products



Articulated fixable foot with pressed base Ø100, Ø 100



Reducing sleeve for OP indicators, Reduction socket



Stop washer, Stop washer MB



Hexagonal headed screw Hygienic Design®, Stainless steel



Small 6 lobe threaded handle - female, Duroplast - Brass



Moulded plastic bevel gear (nylon), 1:1



Spherical bushing, Steel / self lubricating steel



Roll-Ring® chain tensioner, Roll-Ring® Self-adjusting



Moulded plastic bevel gear (nylon), 1:1



Roller for aluminium profile, Fixing kit for roller eccentric



Technopolymer clamping lever - female, Plastic



Male eye bolt conforms to DIN580, Stainless steel

Complementary products