

With excellent performance, zirconia ceramic ball bearings have electrical and magnetism resistance, wear and corrosion resistance, lubrication and maintenance free. It could work in awful environment while the ordinary bearings are not qualified. And also its cost is much lower than that of silicon nitride ceramic ball bearings. They are widely used in the areas of aviation, aerospace, marine, petroleum, chemical, automotive, electronics, metallurgy, electric power, textile, medical equipment and other applications.

Rings:

The inner and outer rings are made by zirconia ceramic;

Balls:

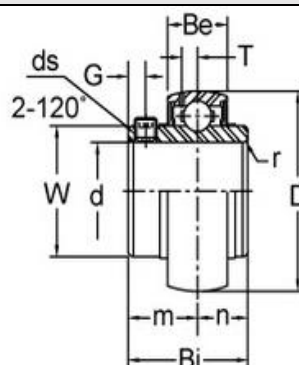
The balls are made of zirconia ceramic;

Cages:

The retainers are made by PTFE/PEEK;

Seals: The seals are made by PTFE/PEEK;

Ceramic Ball Bearing: Inserted Ball Bearing



Motion(shanghai)Industrial Development Co.,Ltd

Part No.	Dimensions (mm)								Weight(kg)(ref.)	
	d	D	B	S	C	r/min	G	ds	ZrO2	Si3N4
UC201CE	12	47	31	12.7	17	0.6	4.5	M6 x 1	0.16	0.09
UC202CE	15	47	31	12.7	17	0.6	4.5	M6 x 1	0.15	0.08
UC203CE	17	47	31	12.7	17	0.6	4.5	M6 x 1	0.14	0.07
UC204CE	20	47	31	12.7	17	1	4.5	M6 x 1	0.12	0.07
UC205CE	25	52	34.1	14.3	17V	1	5	M6 x 1	0.17	0.09
UC206CE	30	62	38.1	15.9	19	1	5	M6 x 1	0.27	0.14
UC207CE	35	72	42.9	17.5	20	1.1	6	M8 x 1	0.4	0.21
UC208CE	40	80	49.2	19	21	1.1	8	M8 x 1	0.54	0.29
UC209CE	45	85	49.2	19	22	1.1	8	M8 x 1	0.57	0.3
UC210CE	50	90	51.6	19	24	1.1	9	M10 x 1	0.64	0.34
UC211CE	55	100	55.6	22.2	25	1.5	9	M10 x 1	0.89	0.48
UC212CE	60	110	65.1	25.4	27	1.5	10	M10 x 1	1.2	0.64
UC213CE	65	120	65.1	25.4	27	1.5	10	M10 x 1	1.51	0.8
UC214CE	70	125	74.6	30.2	29	1.5	12	M12 x 1.25	1.68	0.89
UC215CE	75	130	77.8	33.3	30	1.5	12	M12 x 1.25	1.86	0.99
UC216CE	80	140	82.6	33.3	33	2	14	M12 x 1.25	2.17	1.16
UC217CE	85	150	85.7	34.1	36	2	14	M12 x 1.25	2.62	1.39
UC218CE	90	160	96	39.7	37	2	14	M12 x 1.25	3.31	1.76
UC220CE	100	180	108	42	41	2	14	M12 x 1.25	3.46	1.85

www.motnbearing.com