

High temperature bearing

Imported high-temperature bearings not only work under high temperature and high pressure, but also withstand corrosion caused by high temperatures. They also need to be characterized by non-magnetic, wear-resistant, long life, and high reliability. In addition, the imported high-temperature bearings are required to operate with the drive mechanism under special working conditions such as impact, vibration, tilt, and sway, and the working environment and conditions for imported high-temperature bearings are quite demanding.

Requirements

In the normal operation, the bearing can not be stuck and abnormal phenomenon of noise, at the same time, imported high-temperature bearings need to withstand the impact of vibration, impact and other factors, the materials used in the bearings must have wear-resistant, non-magnetic, corrosion-resistant performance.

material selection

According to the special working conditions of the imported high-temperature bearing, the material of the ferrule and the ball should have the characteristics of high temperature resistance, corrosion resistance, wear resistance, and no magnetism. It is recommended that the ring material be G52# alloy, and the ball material be Si3N4 or cermet.

New Model	Old Model	ID	OD	Width	Weight
		(mm)	(mm)	(mm)	(kg)
970312	970312	50	110	27	1.3
970203	970203	17	40	12	0.1
970204	970204	20	47	14	0.13
970205	970205	25	52	15	1.19
970206	970206	30	62	16	2
970207	970207	35	72	17	1.28
970209	970209	45	85	19	1.66
970210	970210	50	90	20	2
970211	970211	55	100	21	2.6
970212	970212	60	110	22	2.9
970213	970213	60	120	23	3
970214	970214	70	125	24	3
970215	970215	75	130	25	3.3
970216	970216	80	140	26	3.8
970305	970305	25	62	17	0.3
970306	970306	30	72	19	0.4
970310	970310	50	110	27	1.5
970315	970315	75	160	37	3.2
970314	970314	70	150	35	2.75
970309	970309	45	100	25	0.88