We aim to move
the world more efficiently

Company Concept

Business Purpose: With most advanced bearing technology, grow the company by always supplying best quality bearings at best price to the customers. To improve the company's employee's living standard. To improve people's living standard.

Company spirit: Be earnest; be practical and realistic

Company tenet: Always meet customer's demand and requirement

Quality policy: Customer's requirement is the drive of the company's development.
Customer's satisfaction is the object of the company.

Mission: As one of the leading bearing suppliers in the world, HCH Bearing strives to enable its customers to build, maintain and operate their machinery to tomorrow's higher standards by non-stop developing and best quality bearing and resolution supplying. With the endeavor of the whole HCH people, we would like to be the preferred company by
* Our customers, distributors and suppliers
* Our employees

Pacific Plant:

Main product: High precision miniature size ball bearings
Occupied Area: 80,040 square meters
Number of Employee: 768 (Until 2012)
Production Capacity: 400,000 pieces/day
Address: No.12, Hengpeng Road, Henghe Industry Zone, Cixi City, Zhejiang

Grinding: 404 CNC fully automatic grinding and superfinishing lines with latest technology from Japan, Italy and Germany. Among them, 100 lines directly imported from Japan.

Assembly: 280 CNC assembly lines are applied with the latest Japanese & European technology. 100% noise and vibration testing before every single bearing leaves the factory.

Sales & Service

Our customers are important to us. We work closely with them to ensure they get all support they need and enable them to design new products and applications. Currently, more than 500 world leading manufacturers of household appliances, electric motors, pumps, gearboxes, electric power tools, automotive etc. like Samsung, Panasonic, Mitsubishi, LG, Hyundai, Mahindra, whirlpool, Kia, GE, Midea, AUX, Gree, Haier, etc., have further established relationship with HCH.

In the mean time, with good reputation in continuous stable and high quality bearings' supplying, HCH aftermarket sales volume also increased rapidly.

Panasonic · SAMSUNG · BOSCH · Audi · BAJAJ
TOSHIBA · LG · AIRBUS · FIAT · Lucas-TVS
Mitsubishi · 美的 Midea · SERVO · HONDA · Ingersoll Rand
SANYO · FAGOR · PEUGEOT · C.R.I.PUMPS
OTIS · Welling · HYUNDAI · HAVELLS
SIEMENS · Haier · taurus · KIA · KEYANG
Whirlpool · IFB · SHIMGE · Mahindra · WILO
A.O.SMITH · AUX · LOOK · tmt
KUHN · ISEKI · DT SWISS · ASHOK LEYLAND · Enriching Lives

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CHINA · HUANCHI BEARING GROUP
http://www.hchbearing.com
http://www.hch.cn

HCH

CHINA · HUANCHI BEARING GROUP CO., LTD
2013

HCH PLANT

Shiyan Plant:

Main product: High precision small and medium size ball bearings and tapered roller bearings
Occupied Area: 333,500 square meters
Number of Employee: 1851 (Until 2012)
Production Capacity: 800,000 pieces/day
Address: Highway connecting line, Henghe, Cixi City, Zhejiang

About us

Company Name: CHINA ·HUANCHI BEARING GROUP CO., LTD.
Trade Mark: HCH
Year of Establishment: 1973
President: Hu Chengjiang
Initial Capital Registed: 15,000,000 RMB
Turnover: 179,200,650 USD (Until 2012)
Main Business: Bearing design,manufacturing and sales
Employees: 2685 (Until 2012)

Address: Henghe Industry zone, Cixi City, Zhejiang, China 315318
http://www.hchbearing.com
http://www.hch.cn

Advanced Manufacturing Technology

Raw material: HCH applies high refined bearing raw material that is the same quality as top-class bearing manufacturers in Japan and Europe. Moreover, deep processing of the material is finished inside the group.

Heat treatment: HCH's latest computerized heat treatment system and technology distinguish HCH brand bearings from others. The WZ Series vacuum furnace is the most modernized heat treatment equipment so far.

HCH PRODUCTS

Miniature size deep groove ball bearing

Small size deep groove ball bearing

Medium size deep groove ball bearing

Tapered roller bearing

HCH low noise and vibration deep groove ball bearings

Daily-life	Industrial	Automotive
• Household appliances Air conditioners Fans & blowers Vacuum cleaners Washing machines Floor polishers Kitchen appliances	• Industrial machineries Textile machineries Medical machineries Printing machineries Pulp & Paper Plastic & Rubber Tough Machineries	• Automobiles Steering system Engine system Wheel system Power transmission Chassis system Alternators & Starters
• Office equipments • Electric motors • Pumps • DIY power tools • Garden power tools • Excercise and sports equipments	• Gearboxes and reducers • Industrial power tools • Industrial electric motors • Industrial pumps • Compressors • Conveyors • Escalators & Elevators	• Heavy vehicles Trucks & Buses Agriculture machines Construction vehicles Material handling vehicles • Motorcycles Crankshaft Mainshaft Transmission Steering Wheels

HCH high pre-cision tapered roller bearings

OEM Market

According to different industries, HCH has divided services into daily-life OEM sector servicing household appliances, office equipments, consumer related electric motors, DIY and garden related OEM customers, conventional pumps etc.; industrial OEM sector servicing industrial goods such as gearboxes, conveyors, industrial pumps, industrial electric motors, industrial electric power tools, and machineries etc.; and automobile OEM sector servicing heavy vehicles, passenger buses, cars, two wheelers, agricultural machineries, etc..

Quality System

REACH

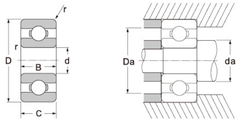
RoHS COMPLIANT 环保物料

ISO:9001

ISO/TS16949

ISO:14001

Deep Groove Ball Bearings



Ref.	d mm	D mm	B,C mm	Weight kg
604	4	12	4	0.0040
605	5	14	5	0.0035
606	6	17	6	0.0070
607	7	19	6	0.0070
608	8	22	7	0.0115
609	9	24	7	0.0147
6000	10	26	8	0.0190
6001	12	28	8	0.0206
6002	15	32	9	0.0300
6003	17	35	10	0.0390
6004	20	42	12	0.0690
6005	25	47	12	0.0800
6006	30	55	13	0.1140
6007	35	62	14	0.1480
6008	40	68	15	0.1890
6009	45	75	16	0.2360
6010	50	80	16	0.2540
6011	55	90	18	0.3660
6012	60	95	18	0.3890
6013	65	100	18	0.4400
6014	70	110	20	0.6000
6015	75	115	20	0.6400
6016	80	125	22	0.8540
6017	85	130	22	0.8900
6018	90	140	22	1.0200
685	5	11	3	0.0024
685ZZ/2RS	5	11	5	0.0024
686	6	13	3.5	0.0027
686ZZ/2RS	6	13	5	0.0027
687	7	14	3.5	0.0030
687ZZ/2RS	7	14	5	0.0030
688	8	16	4	0.0040
688Z/2RS	8	16	5	0.0040
689	9	17	4	0.0040
689ZZ/2RS	9	17	5	0.0040
695	5	13	4	0.0024
696	6	15	5	0.0038
697	7	17	5	0.0052
698	8	19	6	0.0073
699	9	20	6	0.0082
6900	10	22	6	0.0090

Ref.	d mm	D mm	B,C mm	Weight kg
624	4	13	5	0.0048
625	5	16	5	0.0050
626	6	19	6	0.0080
627	7	22	7	0.0130
628	8	24	8	0.0170
629	9	26	8	0.0190
6200	10	30	9	0.0300
6201	12	32	10	0.0360
6202	15	35	11	0.0460
6203	17	40	12	0.0650
6204	20	47	14	0.1070
6205	25	52	15	0.1250
6206	30	62	16	0.2010
6207	35	72	17	0.2870
6208	40	80	18	0.3650
6209	45	85	19	0.4200
6210	50	90	20	0.4660
6211	55	100	21	0.6060
6212	60	110	22	0.7930
6213	65	120	23	0.9900
6214	70	125	24	1.1000
6215	75	130	25	1.2000
6216	80	140	26	1.4000
6800	10	19	5	0.0050
6800W7	10	19	7	0.0060
6801	12	21	5	0.0060
6802	15	24	5	0.0070
6803	17	26	5	0.0080
6804	20	32	7	0.0150
6805	25	37	7	0.0200
6806	30	42	7	0.0250
6901	12	24	6	0.0110
6902	15	28	7	0.0160
6903	17	30	7	0.0180
6904	20	37	9	0.0360
6905	25	42	9	0.0420
6906	30	47	9	0.0480

Deep Groove Ball Bearings

Common Options	
Z	: One Shield
ZZ	: Two Shields
RZ	: One Non-Contact Seal
2RZ	: Two Non-Contact Seals
RS	: One Contact Seal
2RS	: Two Contact Seals
RS1	: One Low Torque Seal
2RS1	: Two Low Torque Seals

Common Options	
C0	: Normal Internal Clearance
C3	: Greater Than Normal
EMQ	: Electric Motor Quality

Ref.	d mm	D mm	B,C mm	Weight kg
635	5	19	6	0.0110
638	8	28	9	0.0290
6300	10	35	11	0.0540
6301	12	37	12	0.0590
6302	15	42	13	0.0820
6303	17	47	14	0.1130
6304	20	52	15	0.1420
6305	25	62	17	0.2260
6306	30	72	19	0.3490
6307	35	80	21	0.4600
6308	40	90	23	0.6450
6309	45	100	25	0.8420
6310	50	110	27	1.0860
6311	55	120	29	1.3500
6312	60	130	31	1.7000
6313	65	140	33	2.1000
6314	70	150	35	2.5000
6315	75	160	37	3.0000
6700	10	16	3	0.0050
16001	12	28	7	0.0190
16002	15	32	8	0.0250
16003	17	35	8	0.0320
16004	20	42	8	0.0510
16005	25	47	8	0.0590
16006	30	55	9	0.0910
16007	35	62	9	0.1070
16008	40	68	9	0.1250
16009	45	75	10	0.1710
16010	50	80	10	0.1800
16011	55	90	11	0.2580
16012	60	95	11	0.2830
62202	15	35	14	0.0540
62205	25	52	18	0.1500

Ref.	d mm	D mm	B,C mm	Weight kg
R4	0.2500	0.6250	0.1960	0.0050
R4A	0.2500	0.7500	0.2188	0.0090
R4AZZ/2RS	0.2500	0.7500	0.2812	0.0090
R6	0.3750	0.8750	0.2188	0.0090
R6ZZ/2RS	0.3750	0.8750	0.2812	0.0090
R8	0.5000	1.1250	0.2500	0.0170
R8ZZ/2RS	0.5000	1.1250	0.3125	0.0170
R8-7	0.4375	1.1250	0.2500	...
R10	0.6250	1.3750	0.2812	0.0340
R10ZZ/2RS	0.6250	1.3750	0.3438	0.0340
R12	0.7500	1.6250	0.3125	...
1602	6.350	17.463	6.35	0.007
99502H	15.875	34.925	11	0.043
6201-1/2	12.7	32	10	0.036
6202-5/8	15.875	35	11	0.046
6202-16	16	35	11	0.046
6203-5/8	15.875	40	12	0.065
98205	25	52	9	0.082
SC205	25	52	14	0.120
SC0563	25	62	12	0.178
62/22	22	50	14	0.117
63/22	22	56	16	0.179
63/22A	22	56	15	0.179
63/28	28	68	18	0.296
63/28A	28	68	17	0.296
28BCS15	28	72	18	0.343
88507	35	72	25/17	...
88508	40	80	27/21	0.450
88509	45	85	27/21	0.500
88509A	45	85	23/19	0.500
T88509	45	85	23/19	...
88510	50	90	30/22	0.466
88511	55	100	31/23	0.760
88512	60	110	36/22	0.793

Tapered Roller Bearings

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Ref.	d mm	D mm	T mm	B mm	C mm	Weight kg
30203	17	40	13.25	12	11	0.078
30204	20	47	15.25	14	12	0.124
30205	25	52	16.25	15	13	0.151
30206	30	62	17.25	16	14	0.229
30207	35	72	18.25	17	15	0.328
30208	40	80	19.25	18	16	0.419
30209	45	85	20.75	19	16	0.474
30210	50	90	21.75	20	17	0.529
30211	55	100	22.75	21	18	0.740
30212	60	110	23.75	22	19	0.904
30213	65	120	24.75	23	20	1.180
30214	70	125	26.50	24	21	1.260
30215	75	130	27.50	25	22	1.410
30302	15	42	14.25	13	11	0.094
30303	17	47	15.25	14	12	0.129
30304	20	52	16.25	15	13	0.165
30305	25	62	18.25	17	15	0.263
30306	30	72	20.75	19	16	0.387
30307	35	80	22.75	21	18	0.515
30308	40	90	25.25	23	20	0.747
30309	45	100	27.25	25	22	0.984
30310	50	110	29.25	27	23	1.310
32004	20	42	15	15	12.0	0.097
32005	25	47	15	15	11.5	0.114
32006	30	55	17	17	13.0	0.166
32007	35	62	18	18	14.0	0.224
32008	40	68	19	19	14.5	0.273
32009	45	75	20	20	15.5	0.346
32010	50	80	20	20	15.5	0.366
32011	55	90	23	23	17.5	0.563
32012	60	95	23	23	17.5	0.576
32013	65	100	23	23	17.5	0.630
32014	70	110	25	25	19.0	0.848

Ref.	d mm	D mm	T mm	B mm	C mm	Weight kg
32204	20	47	19.25	18	15	0.160
32205	25	52	19.25	18	16	0.187
32206	30	62	21.25	20	17	0.301
32207	35	72	24.25	23	19	0.457
32208	40	80	24.75	23	19	0.558
32209	45	85	24.75	23	19	0.607
32210	50	90	24.75	23	19	0.648
32211	55	100	26.75	25	21	0.876
32212	60	110	29.75	28	24	1.180

Ref.	d mm	D mm	T mm	B mm	C mm	Weight kg
LM11749/10	0.6875	1.5700	0.5450	0.575	0.420	0.084
LM11949/10	0.7500	1.7810	0.6100	0.655	0.475	0.122
M12649/10	0.8437	1.9687	0.6900	0.720	0.550	0.169
M12649A/10	0.8437	1.9687	0.6703	0.700	0.530	0.163
LM12749/10	0.8656	1.7810	0.6100	0.655	0.475	0.123
LM12749/11	0.8656	1.8100	0.6100	0.655	0.475	0.123
LM44643/10	1.0000	1.9800	0.5600	0.580	0.420	0.130
L44649/10	1.0625	1.9800	0.5600	0.580	0.4200	0.120
L45449/10	1.1417	1.9800	0.5600	0.580	0.4200	0.114
LM67048/10	1.2500	2.3280	0.6250	0.660	0.4650	0.182
LM48548/10	1.3750	2.5625	0.7100	0.720	0.5500	0.249
L68149/10	1.3775	2.3280	0.6250	0.660	0.4700	0.175
L68149/11	1.3775	2.3612	0.6250	0.660	0.4700	0.183
JL69349/10	1.4961	2.4803	0.6693	0.6693	0.5315	0.198
LM78349/10	1.3775	2.4399	0.6575	0.6693	0.5354	0.204
JL68145/11	1.3774	2.3612	0.6250	0.7268	0.4700	0.184
329013	1.1417	1.9800	0.5600	0.6929	0.4200	0.116