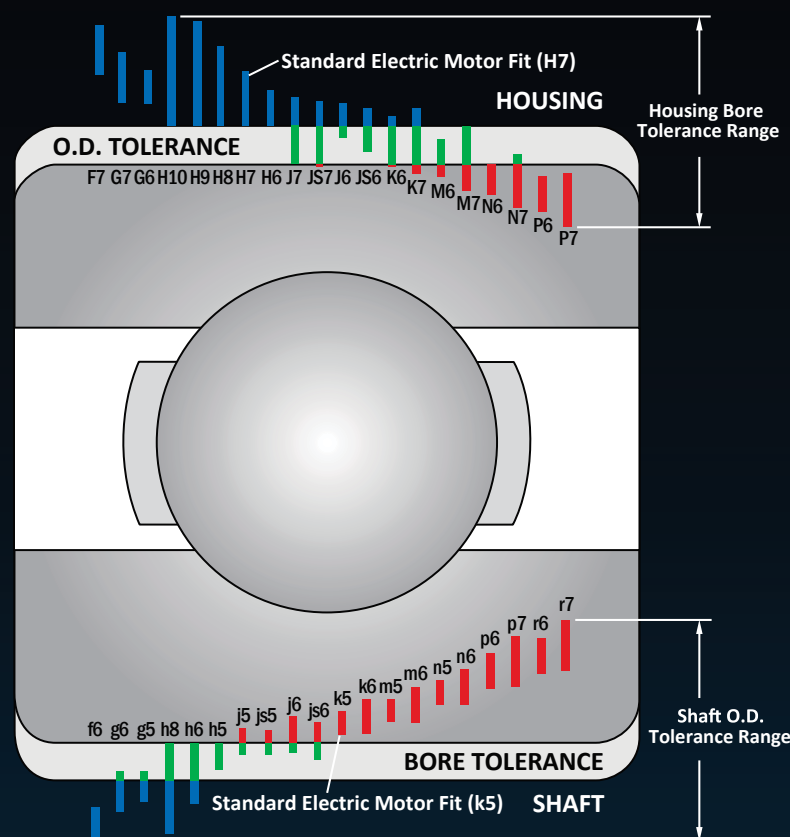


Shaft & Housing Fits



6200 SERIES STANDARD ELECTRIC MOTOR FITS
Shaft k5, Housing H7

BEARING SIZE	SHAFT DIAMETER (ROTATING)		HOUSING BORE (STATIONARY)	
	Max. (In)	Min. (In)	Max. (In)	Min. (In)
6200	.3940	.3937	1.1819	1.1811
6201	.4728	.4725	1.2608	1.2598
6202	.5909	.5906	1.3789	1.3780
6203	.6696	.6693	1.5758	1.5748
6204	.7878	.7875	1.8514	1.8504
6205	.9847	.9843	2.0484	2.0472
6206	1.1815	1.1812	2.4421	2.4409
6207	1.3785	1.3780	2.8358	2.8346
6208	1.5753	1.5749	3.1508	3.1496
6209	1.7722	1.7717	3.3478	3.3465
6210	1.9690	1.9686	3.5447	3.5433
6211	2.1659	2.1654	3.9384	3.9370
6212	2.3628	2.3623	4.3321	4.3307
6213	2.5596	2.5591	4.7258	4.7244
6214	2.7565	2.7560	4.9228	4.9213
6215	2.9533	2.9528	5.1197	5.1181
6216	3.1502	3.1497	5.5134	5.5118
6217	3.3472	3.3466	5.9071	5.9055
6218	3.5440	3.5434	6.3008	6.2992
6219	3.7409	3.7403	6.6945	6.6929
6220	3.9377	3.9371	7.0882	7.0866

6300 SERIES STANDARD ELECTRIC MOTOR FITS - Shaft k5, Housing H7

BEARING SIZE	SHAFT DIAMETER (ROTATING)		HOUSING BORE (STATIONARY)		BEARING SIZE	SHAFT DIAMETER (ROTATING)		HOUSING BORE (STATIONARY)	
	Max. (In)	Min. (In)	Max. (In)	Min. (In)		Max. (In)	Min. (In)	Max. (In)	Min. (In)
6300	.3940	.3937	1.3789	1.3780	6312	2.3628	2.3623	5.1197	5.1181
6301	.4728	.4725	1.4577	1.4567	6313	2.5596	2.5591	5.5134	5.5118
6302	.5909	.5906	1.6545	1.6535	6314	2.7565	2.7560	5.9071	5.9055
6303	.6696	.6693	1.8514	1.8504	6315	2.9533	2.9528	6.3008	6.2992
6304	.7878	.7875	2.0484	2.0472	6316	3.1502	3.1497	6.6945	6.6929
6305	.9847	.9843	2.4421	2.4409	6317	3.3472	3.3466	7.0882	7.0866
6306	1.1815	1.1812	2.8358	2.8346	6318	3.5440	3.5434	7.4821	7.4803
6307	1.3785	1.3780	3.1508	3.1496	6319	3.7409	3.7403	7.8758	7.8740
6308	1.5753	1.5749	3.5447	3.5433	6320	3.9377	3.9371	8.4664	8.4646
6309	1.7722	1.7717	3.9384	3.9370					
6310	1.9690	1.9686	4.3321	4.3307					
6311	2.1659	2.1654	4.7258	4.7244					

- Red = Interference
- Green = Transition
- Blue = Clearance

BEARINGS FOR MOTOR APPLICATIONS

Ball & Roller Bearings



NACHI Bearings for Electric Motors

Providing Market and Industry Specific Solutions for your Electric Motor Applications

Deep Groove Ball Bearings



- Longest Life Designs
- Selected Material
- Optimally Controlled
- Low Torque & Low Noise
- Higher Performance & Reliability

“NSE” Nitrile Seal

- U-shaped seal groove
- Triple acting seal lips
- Low torque & low noise
- Superb grease retention
- High performance grease w/torque



“ZE” Metallic

- L-shaped shield
- Low torque
- Quiet operation
- High performance grease
- Superior grease retention



Interchange

Characteristic	NACHI	SKF	MRC	NSK	NTN	KOYO	FAG	FAFNIR
Open	6000	6000	100 S	6000	6000	6000	6000	9100K
Open	6200	6200	200 S	6200	6200	6200	6200	200 K
Open	6300	6300	300 S	6300	6300	6300	6300	300K
Open	6800	61800	1800 S	6800	6800	6800	6800	
Open	6900	61900	1900 S	6900	6900	6900	6900	9300K
1 shield	6200 ZE	6200 Z	200 SF	6200 Z	6200 Z	6200 Z	6200 ZR	200 KD
2 shields	6200 ZZE	6200 ZZ	200 SFF	6200 ZZ	6200 ZZ	6200 ZZ	6200 ZZR	200 KDD
1 contact seal	6200 NSE	6200 RS1	200 SZ	6200 DU	6200 LU	6200 RS	6200 RSR	200 P
2 contact seals	6200 2NSE	6200 2RS1	200 SZZ	6200 DDU	6200 LLU	6200 2RS	6200 2RSR	200 PP
2 non-contact seals	6200 2NKE	6200 2RZ	200 SFFP	6200 VV	6200 LLB	6200 2RU		
2 polyacrylic seal (high temp.)	6200 2NSE2				6200 LLUA			
2 viton seals (high temp.)	6200 2NSE3	6200 2RS2			6200 LLUA1			
Snap ring groove	6200 N	6200 N		6200 N	6200 N	6200 N	6200 N	
Snap ring groove w/ ring	6200 NR	6200 NR	200 SG	6200 NR	6200 NR	6200 NR	6200 NR	200 KG
ZZE w/snap ring groove & ring	6200 ZZENR	6200 ZZNR	200 SFFG	6200 ZZNR	6200 ZZNR	6200 ZZNR	6200 ZZNR	200KDDG

Flush Ground Angular Contact Ball Bearings



BMU Series

- Flush ground for versatility
- Ease of assembly and simplified inventory control
- Mountable as DB, DF and DT pairs
- Can be combined to form triplex or quad sets



- Machined Brass Cage
- ABEC 1 Tolerance
- 40 Degree Contact Angle
- Flush Ground Type (U)

Cylindrical Roller Bearings



- Low operating temperature, long life
- Conventional or Extra Capacity Designs are available in several configurations
- EG - Extra Capacity with polyamide cage
- Standard Capacity available in steel or brass cage
- Used for radial loads and as expansion bearings, however, some configurations will accept thrust loads

- Less Heat Generation
- High Reliability

