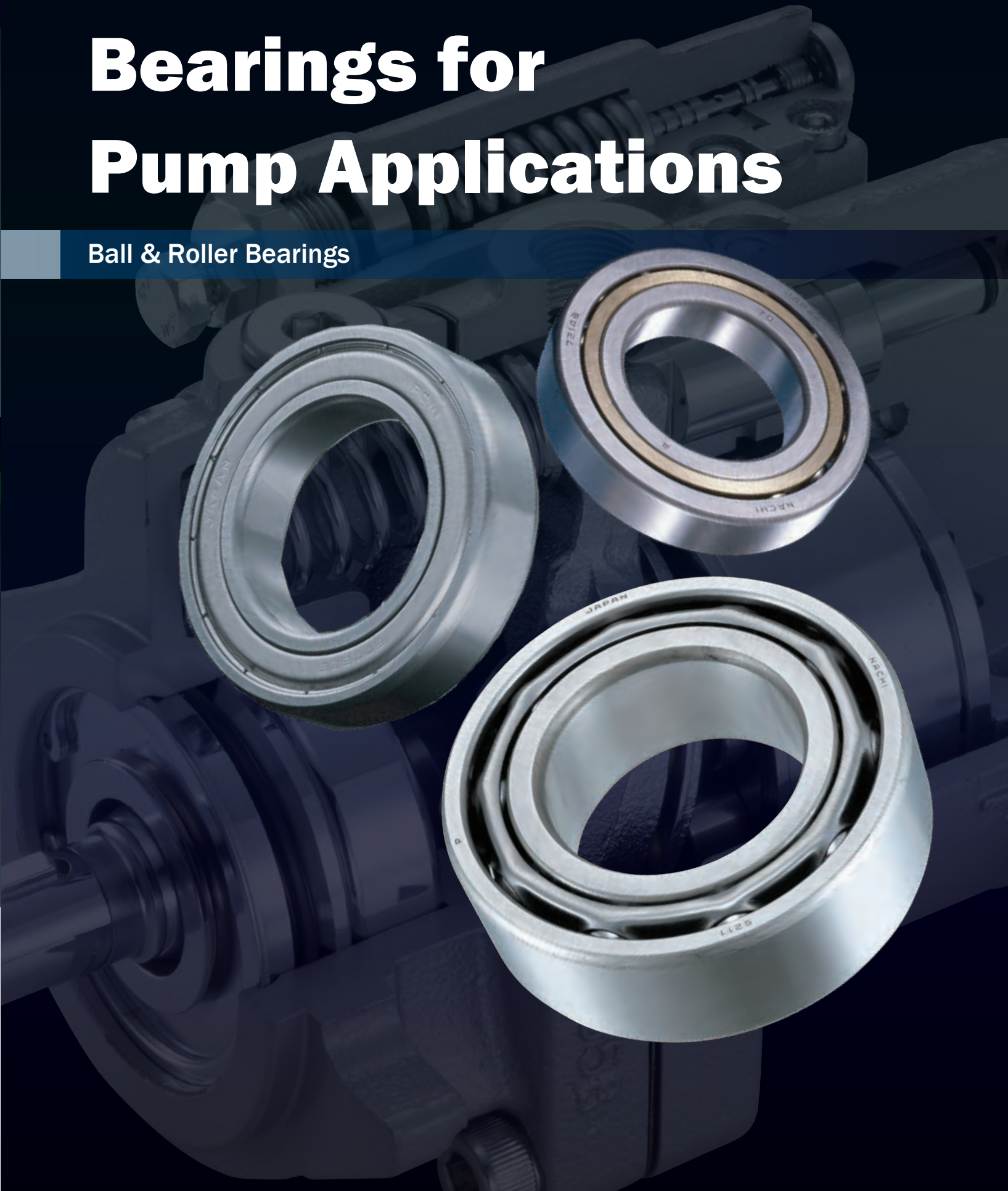


Bearings for Pump Applications

Ball & Roller Bearings



NACHI Bearings for Pump Applications

Pumps are used in a wide range of industry fields for varying applications. Pump specifications change in every application based on performance needs, pump type, and operating environment.

NSE Seal & ZE Shield

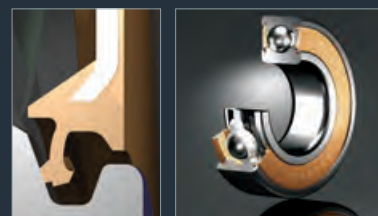
Deep Groove Ball Bearings



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

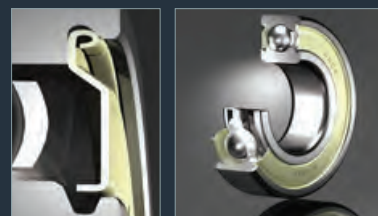
"NSE" Nitrile Seal

- 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 2ZNR	200 SFFG	6200 ZZNR	6200 ZZNR	6200 ZZNR	6200 2ZNR	200KDDG



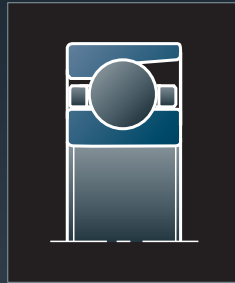
BMU Series

Flush Ground Angular Contact Ball Bearings



Flush Ground for Versatility,
Ease of Assembly and Simplified Inventory Control

Universal flush grinding of the faces, permits these angular contact ball bearings to be mounted as DB, DF and DT pairs, or combined to form triplex or quad sets.



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

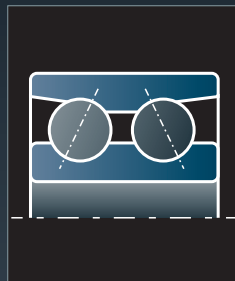
52xx & 53xx Series

Double Row Angular Contact Ball Bearings



Convenient & Versatile Design

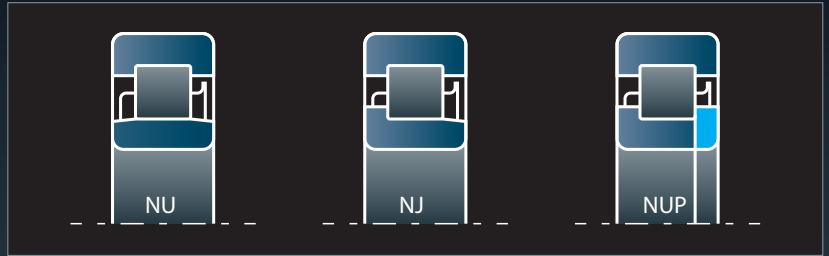
Double row angular contact ball bearings are a narrow version of two single row angular contact ball bearings in a "DB" configuration. Radial loads, moment loads and axial loads in either direction can be applied to these bearings.



- Contact angles 20 & 30 degrees
- High performance & reliability
- Less heat generation/lower vibration
- Sealed & Shielded configurations

E Series (standard)

Cylindrical Roller Bearings



- Less Heat Generation
- High Reliability
- Bronze & Polyamide Cage

Low Operating Temperature & Long Life

Conventional or Extra Capacity Designs are available in several configurations. Generally cylindrical roller bearings are used for radial loads and as expansion bearings, however some configurations will accept thrust loads.

EX Series (standard)

Spherical Roller Bearings



- Highest Capacity - Longest Life
- Heat Stabilized Components to 200°C (392°F) Operation
- Steel & Bronze Cage

Highest Load Capacity in the World

Maximizing the internal design and utilizing the cleanest bearing steel, yields the highest possible dynamic load capacity design, which provides for dramatic increase in bearing life.

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