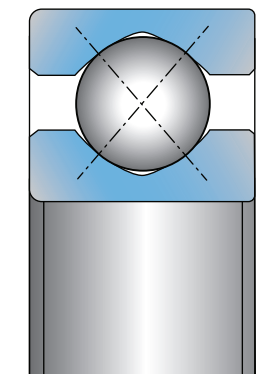


Four-Point Contact Ball Bearings

NACHI

BX Series



- Handles radial, thrust and moment loads at once
- Dramatic space savings for minimal loss in moment load
- Reduced axial clearance and increased axial rigidity

Raceway shape forms a “Gothic Arc” rather than a continuous radius, to allow four points of contact between the rolling element and raceways instead of just two

■ Simple Design

■ High Quality Materials

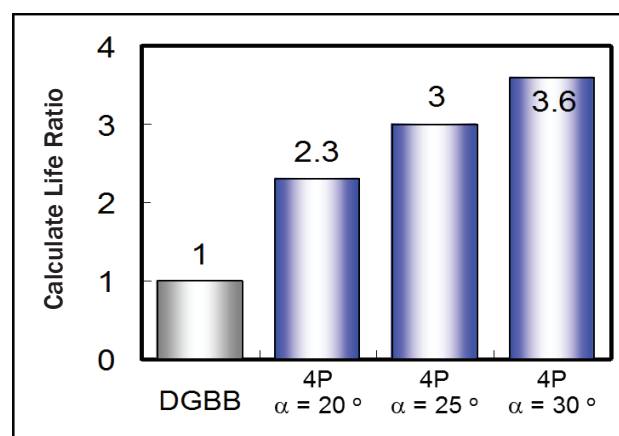
Applications: Compressors, Pumps, Sheaves, etc.

Longer Life:

- Radial Load is dispersed through two points
- Angular Contact design handles axial loads
- Reduced contact stress
- Reduced operating temperatures

Calculated Life Comparison:

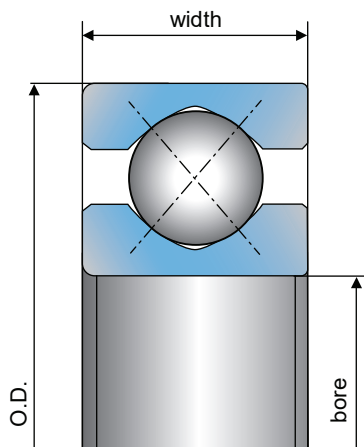
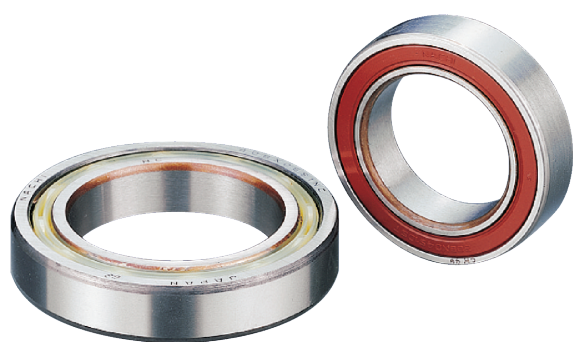
Bearing Size = $\varnothing 25 \times \varnothing 60 \times 16$ mm
Radial Load = 2,616 N
Axial Load = 1,995 N



Four-Point Contact Ball Bearings

BX Series - Dimensional Table

- Available “Open”, “Sealed” or “Shielded”
- Available with 20°, 25° and 30° Contact Angle Options



Unit: mm

Bearing No.	Standard	Bore	O.D.	Width
12BX02	6001	12	28	8
12BX3210	6201	12	32	10
12BX03	6301	12	37	12
15BX287	6902	15	28	7
15BX3511	6202	15	35	11
15BX4213	6302	15	42	13
17BX307	6903	17	30	7
17BX4012	6203	17	40	12
17BX4714	6303	17	47	14
20BX4212	6004	20	42	12
20BX4714	6204	20	47	14
22BX5616	6322	22	56	16
25BX4712	6005	25	47	12
25BX5215	6205	25	52	15
25BX6217	6305	25	62	17
30BX5513	6006	30	55	13
30BX6216	6206	30	62	16
35BX6214	6007	35	62	14
35BX7217	6207	35	72	17
40BX8018	6208	40	80	18
40BX9023	6308	40	90	23
45BX8519	6209	45	85	19

Note: Additional custom sizes are available - please consult NACHI

Offices

NACHI AMERICA INC. Corporate Headquarters

715 Pushville Road
Greenwood, IN 46143
Phone: 317-530-1001
Fax: 317-530-1011
Email: ml-nai.bearingsengineer@nachi.com

NACHI AMERICA INC. - L.A. OFFICE

12652 Alondra Boulevard
Cerritos, CA 90703
Phone: 562-802-0055
Fax: 562-802-2455

NACHI AMERICA INC. - MIAMI OFFICE

2315 NW 107th Ave.
Miami, FL 33172
Phone: 305-591-0054
Fax: 305-591-3110

NACHI CANADA INC.

89 Courtland Ave., Unit #2
Concord Ontario, Canada L4K3T4
Phone: 905-660-0088
Fax: 905-660-1146

NACHI MEXICANA, S.A. de C.V.

Calle Tequisquipan 2, Aerotech Industrial Park
Localidad Galeras, Municipio de Colon,
Queretaro, Mexico C.P. 76295
Phone: 52-442-153-2424
Fax: 52-442-153-2435

NACHI

CATALOG NO.: NAB 1901

May 2019