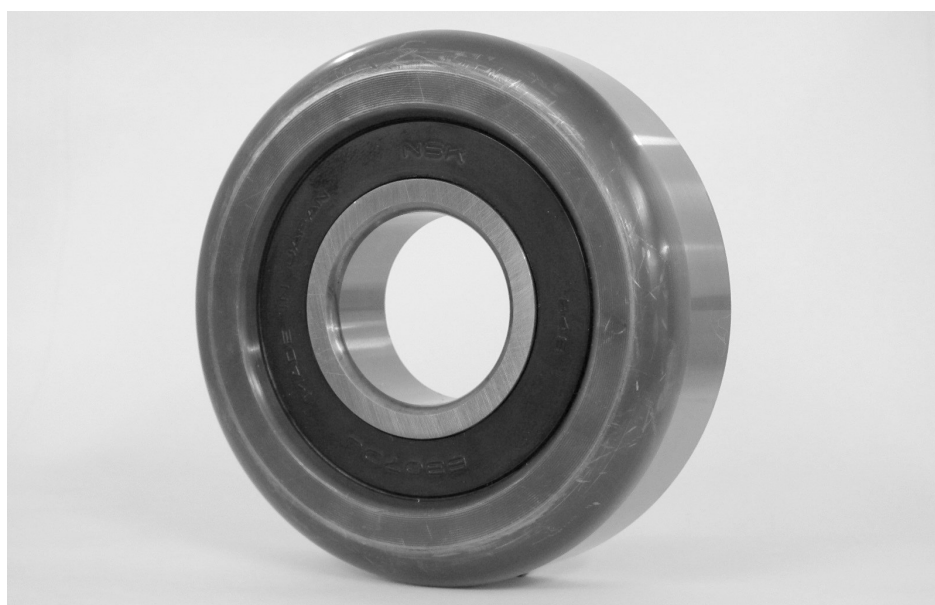


DEEP GROOVE BALL BEARINGS

Fork Lift Truck Mast Guide Bearings

NSK is the world's leading producer of deep groove ball bearings. Mast guide bearings are bearings with a high load capacity, specially designed for use in fork lift trucks. These bearings are similar to single row or double row deep groove ball bearings but the outer race has a thick cross-section which performs as a wheel or tire. Mast guide bearings can withstand heavy radial loads and thrust loads. Mounted on the fork carriage they provide smooth action as the forks are raised and lowered.



Condition Description:

- ✓ High radial load
- ✓ Severe shock load
- ✓ Contaminated environment

Product Features:

- Z-steel for ultra clean steel to extend bearing life by up to 80%
- Special outside diameter and outer ring width dimensions
- Lithium-base grease for high loads
- DDU durable nitrile rubber contact seals

Product Benefits:

- Withstand high radial loads
- Withstand severe shock loads
- Provides smooth operation in dirty environments
- OEM manufacturer

Applications:

- Material handling
- Fork lift truck mast
- Hoist & Crane

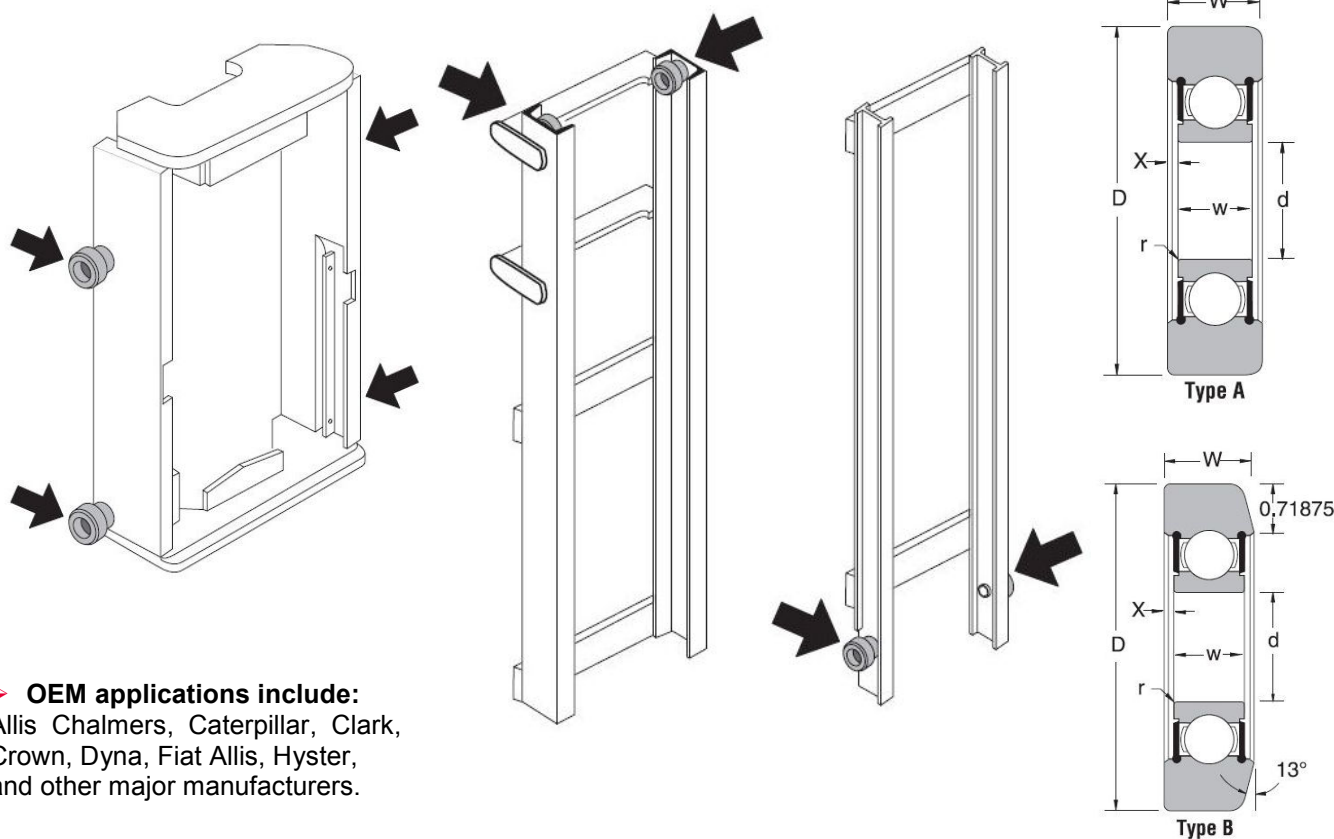
X376RS CG6

Mast bearing
reference code

Special radial
internal clearance

DEEP GROOVE BALL BEARINGS

Fork Lift Truck Mast Guide Bearings



➤ **OEM applications include:**
Allis Chalmers, Caterpillar, Clark,
Crown, Dyna, Fiat Allis, Hyster,
and other major manufacturers.

Bearing Number	Type	Bore (d)		O.D. (D)		Outer Width (W)		Inner Width (w)		Ref. (X)	
		mm	inches	mm	inches	mm	inches	mm	inches	mm	inches
X421RS	A	25	0.9843	76.20	3.0000	25.40	1.000	17.00	0.661	4.14	0.1628
X549RS	A	35	1.3780	94.62	3.7250	25.40	1.000	21.00	0.827	3.27	0.1287
X376RS	A	35	1.3780	101.42	3.9930	28.58	1.125	21.00	0.827	4.50	0.1772
X501	B	45	1.7717	127.06	5.0025	31.75	1.250	25.00	0.984	3.31	0.1303

Bearing Number	Type	Dynamic Capacity (N)	Static Capacity (N)	Interchange BCA	Interchange MRC	Interchange McGill
X421RS	A	20600	11200	MG305DD	305SZZ3	BB849
X549RS	A	33500	19200	MG307FFK	307SZZ9	-
X376RS	A	33500	19200	MG307FFH	307SZZ10	BB2005-2
X501	B	53000	32000	MG309DDA	309SZZ4	BB1652

* Subject to prior sale

For more information about NSK products, please contact:

www.nz.nsk.com