

## ULTAGE™ Benefits



**+7%**

Dynamic load capacity Cr



**+20%**

Lifetime



**+20%**

Rotation speed

## One of the highest load capacities in the market

Maximising load capacity and using optimised rolling path profiles:

- Increased dynamic load capacity Cr **+7%** (versus E non ULTAGE™)
- Increased bearing life **+20%** (versus E non ULTAGE™)

## Increased allowable misalignment, to better support heavily loaded applications

Allowable misalignment up to **1/500**, **4x greater** than NTN E non ULTAGE™ for  $Fr \leq 0.20Cr$ , Fr is the radial load

## Increased allowable speed thanks to improved efficiency

Optimisation of internal bearing parameters:

- Less friction, for **less overheating**
- Allowable speed increased by **+20%** (under oil lubrication)

## Strong polyamide cage contributes to bearing performance

T2X cage made of PA4.6 polyamide reinforced with glass fibre:

- **Better** mechanical and thermal **resistance** than conventional PA6.6
- Helps to **reduce** frictional **loss**
- **Longer** grease **life** than with a pressed steel cage

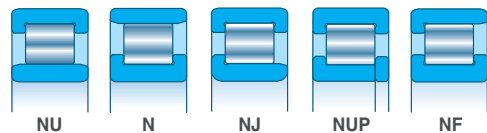
More performance

Greater operational reliability

## NTN CRB ULTAGE™ range

Bore code ▶		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	22
Bore diameter Ød [mm]		20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	110
Dimensional series	2..EA	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	G1*	G1*
	22..EA	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	G1*	G1*	G1*
	3..EA	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	G1*	G1*	G1*	G1*	G1*	G1*
	23..EA	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	T2X	G1*	G1*	G1*	G1*	G1*	G1*

\* G1 solid brass cage used for larger sizes



Designation

NU 206 **EA** T2X

ULTAGE™



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BEARINGS

BOWER

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