

NACHI

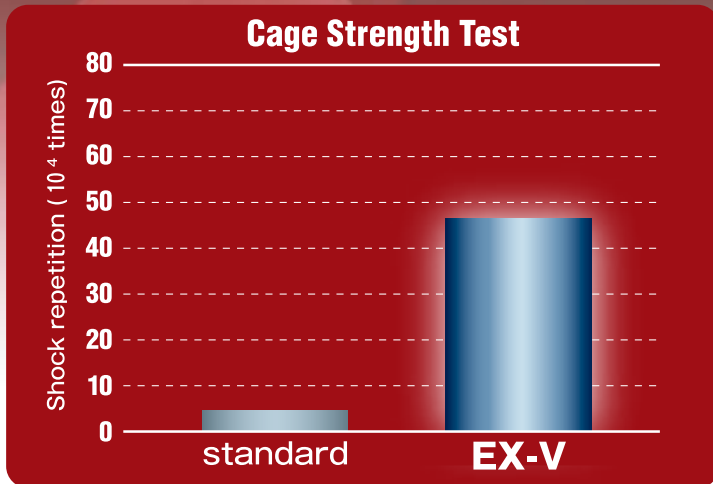
**NACHI**

**Spherical Roller Bearings**  
**EX-V Series**  
**For Vibrating Applications**



# EX-V series

NACHI is proud to introduce our **NEW VIBRATING SCREEN BEARING** for applications with high impact or heavy vibrations. NACHI integrated a hardened steel cage into the standard EX High Capacity Bearings.



**EX-V is 10 times more impact-resistant than standard cages.**

## Test Condition

Vibrating cycles : 119 cpm  
 Vibrating acceleration : 200 G  
 Temperature : ambient

## EX-V Series Features

### Increased Strength

The new EX-V cage has increased tensile strength, is more fatigue resistant and more resistant to wear.

### High Load Capacity

NACHI's EX-V spherical roller bearing design maintains high load capacities by utilizing the longest length & largest diameter rollers in the market.

### Lower Operating Temperature

The floating guide ring and new EX-V cage design generates less heat & promotes lower operating temperatures.

NACHI P/N	Boundary dimension (mm)			Dynamic load (N)
	bore	O.D.	width	
22308EX-V	40	90	33	185,000
22309EX-V	45	100	36	230,000
22310EX-V	50	110	40	280,000
22311EX-V	55	120	43	325,000
22312EX-V	60	130	46	390,000
22313EX-V	65	140	48	415,000
22314EX-V	70	150	51	480,000
22315EX-V	75	160	55	550,000
22316EX-V	80	170	58	595,000
22317EX-V	85	180	60	665,000
22318EX-V	90	190	64	745,000
22319EX-V	95	200	67	815,000
22320EX-V	100	215	73	975,000
22322EX-V	110	240	80	1,150,000
22324EX-V	120	260	86	1,250,000
22326EX-V	130	280	93	1,450,000

- Tolerances: O.D. - P6 equivalent; Bore - P5 equivalent.
- Increased radial clearance for vibrating application.
- "W33" suffix - with oil hole & groove on O.D..

# NACHI

**NACHI-FUJIKOSHI CORP.**

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