

NACHI

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Spherical Roller Bearings
EXQ-V Series
For Vibrating Applications



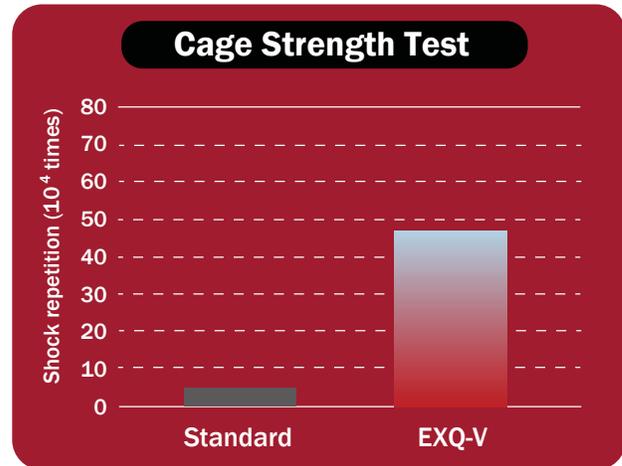
Nachi is proud to introduce...

our new Vibrating Screen Bearing for applications with high impact or heavy vibrations. Nachi integrated a hardened steel cage into the standard EXQ High Capacity Bearings.

EXQ-V is 10 times more impact-resistant than standard cages

Test Condition

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



EXQ-V Series Features

Increased Strength

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

High Load Capacity

- Nachi's EXQ-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 EXQ-V cage design generates less heat and promotes lower operating temperatures

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

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