NACHI

Spherical Roller Bearings

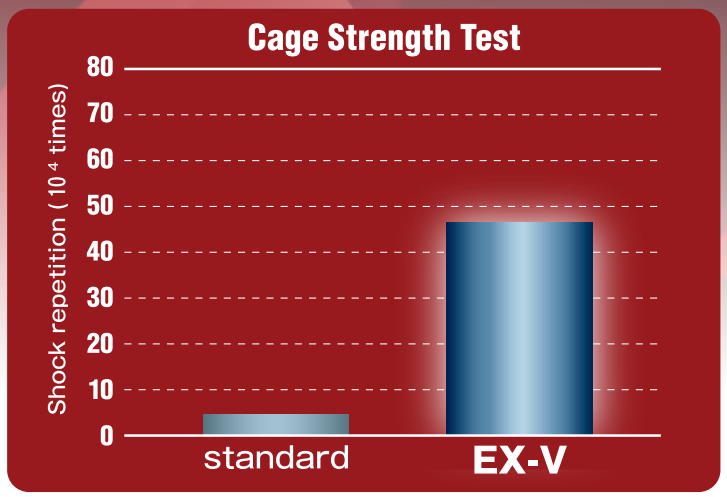
EX-V Series

For Vibrating Applications

Spherical Roller Bearings for vibrating Applications

EX-V series

NACHI is proud to introduce our New Vibrating Screen bearing for applications with high impact and or heavy vibrating applications. NACHI has integrated a hardened steel cage into our standard EX High Capacity, High Speed Design.



EX-V is about 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 an increased tensile strength, is more fatigue resistant and more resistant to wear.

High load capacity

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

Lower operating temperature

Floating guide ring and new EX-V cage generate less heat & promote lower operating temperature.

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

Notes: Tolerance: O.D. - P6 equivalent, Bore - P5 equivalent
Increased radial clearance for vibrating application
"W33" suffix - with oil holes & groove on O.D.

NACHI

NACHI-FUJIKOSHI CORP.

http://www.nachi.com/

Shiodome Sumitomo Bldg.17F, 1-9-2 Higashi-Shinbashi, Minato-ku, Tokyo 105-0021,Japan

International Tel:+81-3-5568-5240 Fax:+81-3-5568-5236
Japanese Tel:+81-3-5568-5111 Fax:+81-3-5568-5206

CATALOG NO. 0000

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