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## BMG's NSK Integrated Bearing Assemblies for Vibrating Screen Manufacturers



BMG's comprehensive range of NSK bearings extends from precision miniature bearings used in machine tools and electronics applications, to giant size bearings for steel and mining industries.

Included in the NSK portfolio – which is one of BMG's leading bearings brands – are integrated bearing assemblies, designed especially for vibratory screen machines, which are used in arduous construction, agriculture, quarrying and mining applications.

“The BMG team is committed to working closely with customers in all industries, to investigate the source of problems and to provide cost-efficient solutions for optimum productivity of machinery, extended service life of the system and minimal maintenance requirements.”

explains Werner de Bruyn, Business Unit Manager, Bearings, BMG.

“We have found that vibrating screen machine manufacturers often experience difficulties, resulting from the inconsistency of bearing mountings in the shaker box assembly.

“In collaboration with NSK, our solutions encompass integrated bearing assemblies, with high-strength SG iron housings and vibratory-specification bearings. Important advantages of these customised assemblies are that manufacturers do not need to re-work the designs of the system in-house and the integrated assembly also means customers do not need to manufacture sub-components. Further benefits include ease of assembly and quick installation, which reduces the manufacturer's costs.

“Each NSK bearing assembly unit is simply bolted down to the machine frame, which has been pre-greased and fitted with labyrinth and contact seals – ready for fit, with bearing location features. There is no need for our customers to worry about the complex assembly of bearings, seals and lubrication.

“In assisting with problems, we have also identified that manufacturers need assistance with reducing manufacturing costs and improving the overall performance of machines.”

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