



We pioneer motion

Steel/Steel spherical plain bearings to balance your needs in every application

Schaeffler steel/steel spherical plain bearings requiring maintenance, like the series GE..-DO, stand for best quality and high flexibility. With the new series GE..-DO-E, you have the chance to balance your needs. Profit from a good price/performance ratio, improved lifetime and load rating factors, as well as direct interchangeability with common steel/steel bearings in the market. Discover your solution now.

SCHAEFFLER

Know your needs. Find your balance.



	Standard performance GE..-DO-E	High performance GE..-DO
Design	Standard	Optimized
Calculated lifetime (acc. to Schaeffler lifetime calculation)	<div style="width: 100%;"></div> 100%	<div style="width: 160%;"></div> 160%
Dynamic load rating	<div style="width: 100%;"></div> 100%	<div style="width: 130%;"></div> 130%
Static load rating	<div style="width: 100%;"></div> 100%	<div style="width: 100%;"></div> 100%

Surface	Manganese phosphate according to ISO standard	Manganese phosphate Durotect M according to specific Schaeffler norm
Lubrication	MoS2 oil treated	MoS2 grease treated
Specific dynamic load factor	110 N/mm ²	130 N/mm ²
Sealing – open & sealed design	2RS	2RS or 2TS
Interchangeability	Directly interchangeable according to ISO 12240-1:1998	

Perfect choice for all pivot points where torque-free movements are necessary.

Common applications

Agricultural and Construction machinery: Hydraulic lever systems, Wheel suspension systems, Steering assemblies, Hydraulic cylinders, Hood hinges, Arm linkages, Undercarriage systems and assemblies

Rail: Coupling elements between wagons, Wagon links between carriages, Motor torque support, Construction and maintenance machines for rail infrastructure

User benefits

- New series with suffix “E”
- Excellent price/performance ratio
- Suitable for a wide application spectrum
- Catalog types available with bore diameter from 6 mm up to 120 mm
- Initial lubrication
- Lifetime around 60% longer
- Catalog and customized solutions
- Longer maintenance intervals and downsizing potential to reduce costs over lifetime (TCO)
- Dynamic load rating factors around 30% higher
- Optimized initial lubrication



Find your solution.
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