



We pioneer motion

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

Schaeffler steel/steel spherical plain bearings requiring maintenance stand for best quality and high flexibility. With the two performance classes “standard performance” and “high performance”, 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



High performance

	Standard	Optimized
 <b>Design</b>	Standard	Optimized
 <b>Calculated lifetime</b> (acc. to Schaeffler lifetime calculation)	<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%	<div style="width: 160%;"><div style="width: 100%;"></div><div style="width: 60%;"></div></div> 160%
 <b>Dynamic load rating</b>	<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%	<div style="width: 130%;"><div style="width: 100%;"></div><div style="width: 30%;"></div></div> 130%
 <b>Static load rating</b>	<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%	<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%

<b>Surface</b>	Manganese phosphate according to ISO standard	Manganese phosphate Durotect M according to specific Schaeffler norm
<b>Lubrication</b>	MoS <sub>2</sub> oil treated	MoS <sub>2</sub> grease treated
<b>Series</b>	GE...DO/FO/LO/HO/ZO-E	GE...DO/FO/LO/HO/ZO
<b>Sealing – open &amp; sealed design</b>	2RS	2RS or 2TS
<b>Interchangeability</b>	Directly interchangeable according to ISO 12240-1:1998	

**Perfect choice for all pivot points where torque-free movements are necessary.**  
**Agricultural and Construction machinery:** Hydraulic lever systems, Wheel suspension systems, Steering assemblies, Hood hinges, Arm linkages, Undercarriage systems and assemblies  
**Hydraulic cylinders for a wide range of application**

User benefits	
	<ul style="list-style-type: none"> <li>• Excellent price/performance ratio</li> <li>• Suitable for a wide application spectrum</li> <li>• Catalog types with bore diameter from 6 mm up to 140 mm, depending on the series</li> <li>• Initial lubrication</li> </ul>
	<ul style="list-style-type: none"> <li>• Lifetime around 60% longer</li> <li>• Catalog and customized solutions</li> <li>• Longer maintenance intervals and downsizing potential to reduce costs over lifetime (TCO)</li> <li>• Dynamic load rating factors around 30% higher</li> <li>• Optimized initial lubrication</li> </ul>



Find your solution.  
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