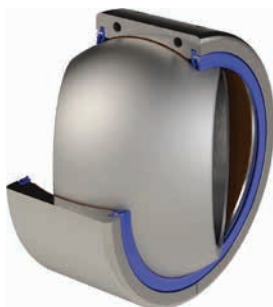


Lubron® Spherical Plain Bearing Selection Guide



Product Family			Stainless Steel/ Stainless Steel	Stainless Steel/ Bronze	Stainless Steel/ Stainless Steel	Stainless Steel/ Bronze
Motion			Oscilating/Titling Motions	Oscilating/Titling Motions	Oscilating/Titling Motions/Full Rotation	Oscilating/Titling Motions/Full Rotation
Maintenance			Maintenance Free	Maintenance Free	Maintenance Free	Maintenance Free
			Woven PTFE Fabric or Machineable Liner System	Machineable Liner System	Woven PTFE Fabric or Machineable Liner System	Machineable Liner System
Series	Imperial Bearings		GEZ(****)T1--1AS (Axial Split, Sealed)	GEZ(****)E1--4AS (Axial Split, Sealed)	GEZ(****)T1--1R (Radial Split)	GEZ(****)E1--4R (Radial Split)
	Metric Bearings		GE(***T1--1AS (Axial Split, Sealed)	GE(***E1--4AS (Axial Split, Sealed)	GE(***T1--1R (Radial Split)	GE(***E1--4R (Radial Split)
			GEH(***T1--1AS (Axial Split, Sealed, Heavy Walled)			
Bore Diameter	Inch Sizes	in.	3 to 25	3 to 25	3 to 25	3 to 25
	Metric Sizes	mm	75 to 635	75 to 635	75 to 635	75 to 635
Liner Systems			Fabroid G Lubron TF Lubron HX Lubron FX	Lubron HX Lubron AQ Lubron SL Lubron AE	Fabroid G Lubron TF Lubron HX Lubron FX	Lubron HX Lubron AQ Lubron SL Lubron AE
Capabilities <i>Dependent on Liner System</i>	Dynamic Load Capacity	KSI	0.5 to 38	0.5 to 20	0.5 to 38	0.5 to 20
		MPa	3 to 260	3 to 140	3 to 260	3 to 140
	Static Load Capacity	KSI	60	12 to 60	12 to 60	12 to 60
		MPa	420	82 to 420	82 to 420	82 to 420
	Temperature Range	F°	-60° to +350°	-60° to +850°	-60° to +850°	-60° to +850°
		C°	-51° to +176°	-51° to +454°	-51° to +454°	-51° to +454°
	Velocity Limits (Continuous)	ft/min	8	8	8	8
m/s		0.04	0.04	0.04	0.04	
Coefficient of Friction			μ 0.02 to 0.10	0.10 to 0.15	0.02 to 0.10	0.10 to 0.15