



SPHERICAL BEARINGS



GE-UK SERIES

Description:

GE-UK-Series is our 2-piece metric range of general purpose spherical plain bearings incorporating a thin PTFE fabric between the ball and the outer ring, suitable for high shock loads and medium to heavy industrial/mechanical load applications requiring low friction. They do not require maintenance.

Material Specifications:

Outer ring: Bearing steel 100Cr6 and stainless steel 316, hardened. Ball: Bearing steel 100Cr6 hardened and electro-less nickel plated and stainless steel 440C. Liner: High temperature PTFE composite. Seals: Polyurethane.

Features

Metric bore sizes
Low friction
High shock loads
Extended wear life
No maintenance

Possible Applications

Medium/heavy industrial/mechanical applications
Construction equipment
Agricultural equipment
Recreational vehicles
Precision motion control

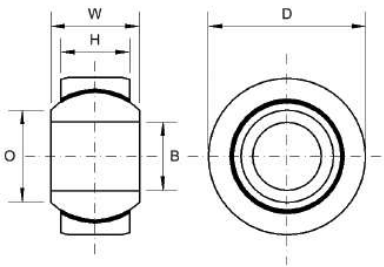
Temperature Range

-200°C to +260°C

Specification

ELV & RoHS compliant

GE-UK SERIES: MAINTENANCE FREE (METRIC)



- Outer Ring:** Bearing Steel 100Cr6, Hardened
- Ball:** Bearing Steel 100Cr6, Hardened and Electro-less Nickel Plated
- Liner:** High Temperature PTFE Composite
- Specification:** ELV and RoHS Compliant



Part No. Unsealed	Part No. Sealed	Bore Size	W	H	D	Static Load Rating (Newtons) Radial
GE6UK	-	6	6	4	14	9,100
GE8UK	-	8	8	5	16	14,000
GE10UK	-	10	9	6	19	21,000
GE12UK	-	12	10	7	22	28,000
GE15UK	-	15	12	9	26	45,000
GE17UK	GE17UK-2RS	17	14	10	30	56,000
GE20UK	GE20UK-2RS	20	16	12	35	78,000
GE25UK	GE25UK-2RS	25	20	16	42	127,000
GE30UK	GE30UK-2RS	30	22	18	47	166,000
GE35UK	GE35UK-2RS	35	25	20	55	224,000
GE40UK	GE40UK-2RS	40	28	22	62	280,000
GE45UK	GE45UK-2RS	45	32	25	68	360,000
GE50UK	GE50UK-2RS	50	35	28	75	440,000
GE60UK	GE60UK-2RS	60	44	36	90	695,000
GE70UK	GE70UK-2RS	70	49	40	105	880,000
GE80UK	GE80UK-2RS	80	55	45	120	1,140,000
GE90UK	GE90UK-2RS	90	60	50	130	1,370,000
GE100UK	GE100UK-2RS	100	70	55	150	1,730,000
GE110UK	GE110UK-2RS	110	70	55	160	1,860,000
GE120UK	GE120UK-2RS	120	85	70	180	2,700,000

For stainless steel add 'SS' to part no. For example 'GE6UK-SS'