

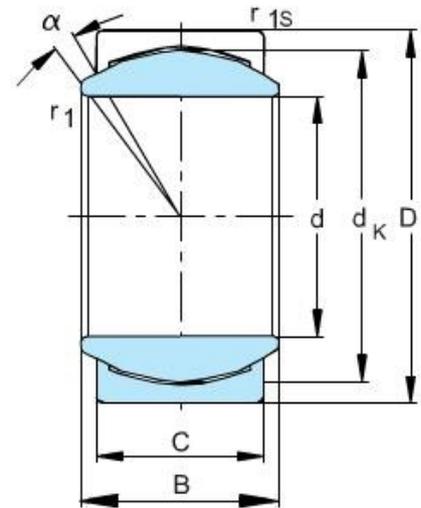
# Spherical Plain Bearings



GE..UK

Maintenance Free

- ◇ Sliding contact surfaces: Steel/ Sinter Bronze Composite
- ◇ Material:
  - Outer Ring-Carbon steel, formed by extrusion
  - Inner Ring-SAE52100, hardened by quenching, ground
- ◇ Characteristics:
  - The outer ring is pressed over the inner ring
  - Outer race lined with internal sinter bronze layer
  - The sliding layer is coated with PTFE added MoS2
  - Spherical surface of inner ring is hard chromium plated
- ◇ Properties: Self-lubricated, low friction, good wearability



Bearing Code	Dimensions(mm)							Load ratings (Kn)			Mass
	d	D	B	C	dk	r	r <sub>1s</sub>	a	dyn.C	stat.C0	kg
GE6UK	6	14	6	4	10	0.3	0.3	13	3.6	9.1	0.004
GE8UK	8	16	8	5	13	0.3	0.3	15	5.8	14	0.008
GE10UK	10	19	9	6	16	0.3	0.3	12	8.6	21	0.011
GE12UK	12	22	10	7	18	0.3	0.3	10	11	28	0.015
GE15UK	15	26	12	9	22	0.3	0.3	8	18	45	0.027
GE17UK	17	30	14	10	25	0.3	0.3	10	22	56	0.041
GE20UK	20	35	16	12	29	0.3	0.3	9	31	78	0.066
GE25UK	25	42	20	16	35.5	0.6	0.6	7	51	127	0.119
GE30UK	30	47	22	18	40.7	0.6	0.6	6	65	166	0.163