

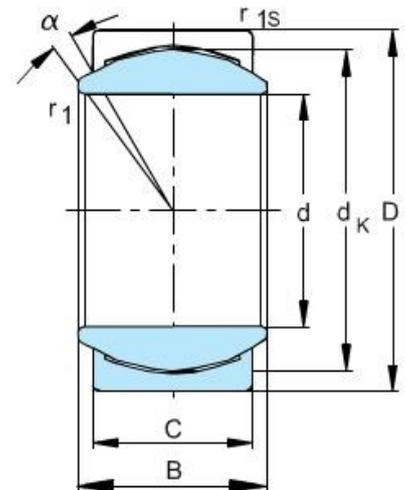
Spherical Plain Bearings



GE..FW

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, self-alignment.



Bearing Code	Dimensions(mm)								Load ratings (Kn)		Mass kg
	d	D	B	C	dk	r	r _{1s}	a	dyn	stat	
								≈	C	C ₀	
GE4FW	4	14	7	4	10	0.3	0.3	20	3.6	9.1	0.005
GE5FW	5	16	9	5	10	0.3	0.3	21	5.8	14	0.008
GE6FW	6	16	9	5	13	0.3	0.3	21	5.8	14	0.006
GE8FW	8	19	11	6	16	0.3	0.3	21	8.6	21	0.014
GE10FW	10	22	12	7	18	0.3	0.3	18	11	28	0.021
GE12FW	12	26	15	9	22	0.3	0.3	18	18	45	0.033
GE15FW	15	30	16	10	25	0.3	0.3	16	22	56	0.049
GE17FW	17	35	20	12	29	0.3	0.3	19	31	78	0.083
GE20FW	20	42	25	16	35.5	0.3	0.3	17	51	127	0.153
GE25FW	25	47	28	18	40.7	0.6	0.6	17	65	166	0.203
GE30FW	30	55	32	20	47	0.6	0.6	17	83	212	0.304