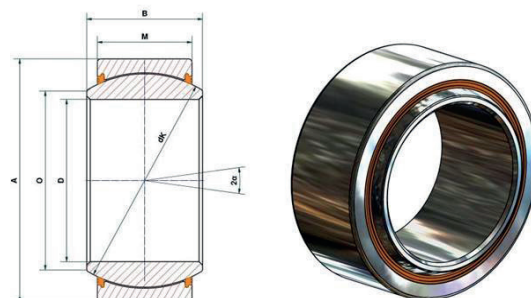


Spherical plain bearings GE...EWM-2RSF with media-resistant sliding layer FLUROGLIDE®-MEDIA SOLID

For use in oily environments
Can be used for high static and dynamic loads



Size (D)	B	M	A	O	dK	Static load ratings C ₀ kN	Dynamic load ratings C kN	Tilting angle α (°)	Weight g
17	14	10	30	20,7	25,0	65	35,5	10	37
20	16	12	35	24,1	29,0	90	49,5	9	60
25	20	16	42	29,3	35,5	170	93,5	7	110
30	22	18	47	34,2	40,7	219	120,5	6	140
35	25	20	55	39,7	47,0	282	155	6	220
40	28	22	62	45,0	53,0	373	205	7	300
45	32	25	68	50,7	60,0	480	264	7	390
50	35	28	75	55,9	66,0	591	325	6	530
60	44	36	90	66,8	80,0	921	506	6	980
70	49	40	105	77,8	92,0	1.177	647	6	1.500
80	55	45	120	89,4	105,0	1.512	831	6	2.200
90	60	50	130	98,1	115,0	1.840	1.012	5	2.700
100	70	55	150	109,5	130,0	2.288	1.258	7	4.200
110	70	55	160	121,2	140,0	2.464	1.355	6	4.700
120	85	70	180	135,5	160,0	3.584	1.971	6	8.100
140	90	70	210	155,8	180,0	4.032	2.217	7	10.600
160	105	80	230	170,3	200,0	5.120	2.816	8	13.800
180	105	80	260	198,9	225,0	5.760	3.168	6	17.400
200	130	100	290	213,5	250,0	8.000	4.400	7	28.000
220	135	100	320	239,5	275,0	8.800	4.840	8	35.500
240	140	100	340	265,3	300,0	9.600	5.280	8	39.000
260	150	110	370	288,3	325,0	11.400	6.292	7	50.800
280	155	120	400	313,8	350,0	13.440	7.392	6	64.700
300	165	120	430	366,7	375,0	14.440	7.920	7	76.600

Available upon request

The bearings are fitted with a newly developed slide layer **FLUROGLIDE®-MEDIA SOLID**, which does not lose its properties even in interaction with oil, grease etc. For spherical plain bearings up to the size 120, the hardened bearing shell is blasted on one side. From size 140, the spherical plain bearing comprises two half-shells, which are secured with a screw clamp.

Materials

Outer ring: Rolling bearing steel 100Cr6, hardened and phosphated

Inner ring: Rolling bearing steel 100Cr6, hardened, ground, polished, hard-chromed on the sliding surface

The permissible operating temperature is -30°C to + 130°C.

Spherical plain bearing with new sliding coating FLUROGLIDE®-MEDIA SOLID

The new generation of bearings is particularly well suited for application areas in oily environments. The properties of the spherical plain bearings are not impaired by the effects of grease and oil either.

Running tests have shown that the expected life of 5 million cycles has been considerably exceeded. Both test series, whether dry running or lubricated with grease, achieved a life of over 6 million cycles. The friction properties are in similar ranges for both test series as well.

Working life

