

LINEAR BALL BEARINGS



Example **SMF 16 G W UU SK**

Standard

Inner contact diameter

Retainer material

Blank	Steel
G	Resin

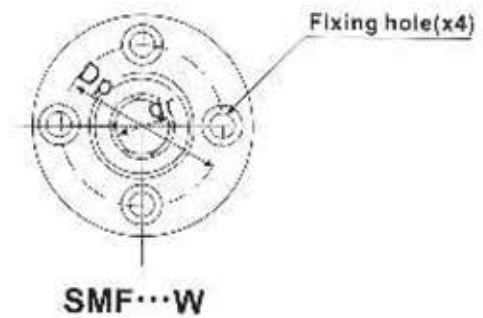
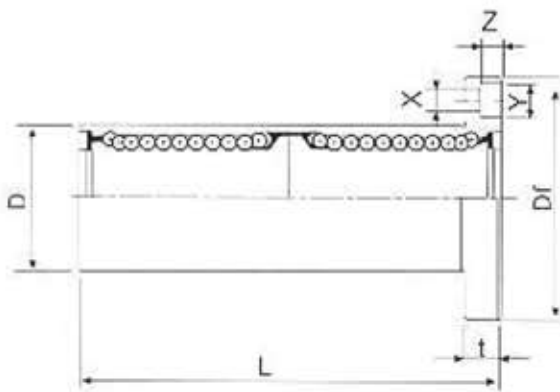
Double-wide type

Outer cylinder surface treatment

Blank	No surface treatment
SK	Electroless nickel plating

Seal

Blank	Without seal
UU	Seal on both sides



Nominal Part No				Major Dimensions and Tolerance (mm)											Eccentricity μm	Squareness μm	Basic load Rating		Nominal Part No	
Steel Retainer	Resin Retainer	Ball Circuit	Weight g	dr	Tolerance	D	Tolerance	L	Tolerance	Df	t	Dp	X	Y			Z	Dynamic C(N)		Static Co(N)
SMF6W	SMF6LW	4	31	6		12	± 0	35		28	5	20	3.5	6.5	3.1	15	15	323	530	SMF6W
SMF8W	SMF8GW	4	51	8		15	-0.010	45		32	5	24	3.5	6.5	3.1	15	15	431	784	SMF8W
SMF10W	SMF10GW	4	98	10	0	19	± 0	55		40	6	29	4.5	8	4.1	15	15	588	1,100	SMF10W
SMF12W	SMF12GW	4	110	12	-0.010	21	± 0	57		42	6	32	4.5	8	4.1	15	15	813	1,570	SMF12W
SMF13W	SMF13GW	4	130	13		12	-0.016	61		43	6	33	4.5	8	4.1	15	15	813	1,570	SMF13W
SMF16W	SMF16GW	5	190	16		28	± 0	70	-0.3	48	6	38	4.5	8	4.1	15	15	1,230	2,350	SMF16W
SMF20W	SMF20GW	5	260	20		32	± 0	80		54	8	43	5.5	9.5	5.1	20	20	1,400	2,740	SMF20W
SMF25W	SMF25GW	6	540	25	0	40	± 0	112		62	8	51	5.5	9.5	5.1	20	20	1,560	3,140	SMF25W
SMF30W	SMF30GW	6	680	30	-0.012	45	-0.019	123		74	10	60	6.6	11	6.1	20	20	2,490	5,490	SMF30W
SMF35W	SMF35GW	6	1,020	35	± 0	52	± 0	135		82	10	67	6.6	11	6.1	25	25	2,650	6,270	SMF35W
SMF40W	SMF40GW	6	1,570	40	-0.015	60	-0.022	154		96	13	78	9	14	8.1	25	25	3,430	8,040	SMF40W
SMF50W	SMF50GW	6	3,600	50	± 0	80	± 0	192		116	13	89	9	14	8.1	25	25	6,080	15,900	SMF50W
SMF60W	SMF60GW	6	4,500	60	-0.020	90	-0.025	211		134	18	112	11	17.5	11.1	30	30	7,550	20,000	SMF60W