

Datenblatt | Data sheet



Plastic housing ball bearing

DIN 625, single row

Plastic ball bearings are suitable when high requirements are placed on corrosion and chemical resistance and all-steel bearings cannot be used or can only be used to a limited scope.

Field of application

Food / beverage industry, medical technology, chemical industry, textile industry, electrical industry, model and lightweight construction, film, photo and pharmaceutical industry, office technology, vacuum technology

Properties

Good corrosion and chemical resistance, high specific wear and fatigue resistance, lubrication-free dry running, low coefficient of friction, low-noise running, very low weight, high specific strength, high dimensional stability due to low creep, low life cycle costs, electrically insulating.

Standard sizes

Type	Inner diameter d	Outer diameter D	Width B	Load value stat. N	Max. speed rpm
624	4,0	13,0	5,0	40	3600
625	5,0	16,0	5,0	50	2200
626	6,0	19,0	6,0	70	1950
607	7,0	19,0	6,0	70	1950
627	7,0	22,0	7,0	80	1650
608	8,0	22,0	7,0	80	1650
609	9,0	24,0	7,0	100	1550
629	9,0	26,0	8,0	110	1400
6000	10,0	26,0	8,0	120	1400
6200	10,0	30,0	9,0	110	1250
6300	10,0	35,0	11,0	200	1050
6001	12,0	28,0	8,0	140	1300
6201	12,0	32,0	10,0	130	1150
6301	12,0	37,0	12,0	220	975
16002	15,0	32,0	8,0	130	1100
6002	15,0	32,0	9,0	170	1150
6202	15,0	35,0	11,0	170	1050
6302	15,0	42,0	13,0	260	900
16003	17,0	35,0	8,0	160	1050
6003	17,0	35,0	10,0	180	1050
6203	17,0	40,0	12,0	220	950
6303	17,0	47,0	14,0	290	800
16004	20,0	42,0	8,0	200	850
6004	20,0	42,0	12,0	230	900
6204	20,0	47,0	14,0	250	800
6304	20,0	52,0	15,0	350	700
16005	25,0	47,0	8,0	220	800
6005	25,0	47,0	12,0	250	800
6205	25,0	52,0	15,0	310	700
16006	30,0	55,0	9,0	260	675
6006	30,0	55,0	13,0	270	675
6206	30,0	62,0	16,0	360	800

Other sizes, Steel housing ball bearings and additional data on request.