

DIN 5401:2002-8国际标准

DIN 5401: 2002-8 INTERNATIONAL STANDARDS

等级 Grade	类 Class	公称直径 Dw (mm) Nominal diameter		极限偏差 (um)(5) Limit deviations	滚珠直径变化 Ball diameter	球形误差 Roundness	表面粗糙度 (6) Surface roughness	批次直径的改变 (5) Lot diameter variation
		从 From	到 To		最大 VDws (um)	最大 tDws (um)	最大 Ra (um)	最大 VDwL/A (um)
G3	-	-	12.7	± 5.32	0.08	0.08	0.010	0.13 (L)
G5	I	-	12.7	± 5.63	0.13	0.13	0.014	0.25 (L)
G10	II	-	25.4	± 9.75	0.25	0.25	0.020	0.50 (L)
G16 (1)	II	-	25.4	± 11.4	0.40	0.40	0.025	0.80 (L)
G20 (1)	III	-	38.1	± 11.5	0.50	0.50	0.032	1.0 (L)
G28 (1)	III	-	50.8	± 13.7	0.70	0.70	0.050	1.4 (L)
G40	III	-	100	± 19.0	1.0	1.0	0.060	2.0 (L)
G80 (2)	III	-	100	± 14.0	2.0	2.0	0.10	4.0 (A)
G100	III	-	150	± 47.5	2.5	2.5	0.10	5.0 (L)
G200	IV	-	150	± 72.5	5.0	5.0	0.15	10 (L)
G300 (1)	IV	-	25.4	± 70.0	10	10	0.20	20 (A)
G300 (3)	IV	25.4	50.8	± 105	15	15	0.20	30 (A)
G300	IV	50.8	75	± 140	20	20	0.20	40 (A)
G500 (4)	V	-	25.4	± 75.0	25	25	-	50 (A)
G500	V	25.4	50.8	± 112.5	25	25	-	75 (A)
G500	V	50.8	75	± 150	25	25	-	100 (A)
G500	V	75	100	± 187.5	32	32	-	125 (A)
G500	V	100	125	± 225	38	38	-	150 (A)
G500	V	125	150	± 262.5	44	44	-	175 (A)
G600 (4)	VI	tutti	tutti	± 200	-	-	-	400 (A)
G700 (4)	VI	tutti	tutti	± 1000	-	-	-	2000 (A)