

ZON™

BEARINGS FOR YOUR FUTURE



推力球轴承





BEARINGS FOR YOUR FUTURE

灿恩轴承品质卓越，在各种标准及非标应用中使用广泛。
无论数量多少，我们的技术部门都能够根据您的要求定制任何规格的非标轴承。

灿恩除了经营一千余种微型轴承（内径1-10mm,包括英制）之外还提供薄壁、推力、标准公制轴承以及其他各种非标轴承。我们能够按照客户的特殊需求，通过一些新型材料例如陶瓷或者特殊钢材来设计轴承以满足工业，医疗，化学或食品加工行业上的各种应用。

如果您在我们的产品目录册中无法找到您的理想型号，请联系我们经验丰富的销售团队。



灿恩已获得德国ISO 9001 TUV莱茵认证。

莱茵认证被视作轴承行业的最高检验标准，受到国际认可并得到广大客户的肯定，被视为品质和服务的保证。

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推力球轴承



润滑油



户外耐久性



耐化学溶剂

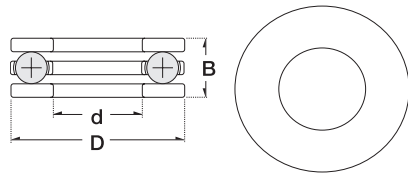


超负荷适用

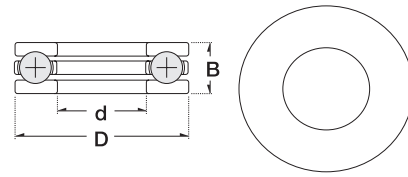
推力球轴承



Type F ohne Laufnute / without groove



Type B mit Laufnute / with groove



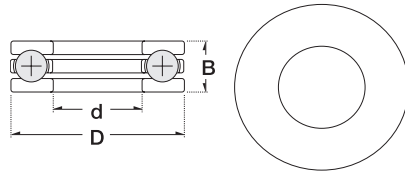
3

| Dimension (mm) | | | Designation/Type | | * Load Rating (only 100 Cr6) | | * Limiting Speed x1000rpm | | Weight (g) approx. |
|----------------|------|------|------------------|-----------|------------------------------|------------|---------------------------|------|--------------------|
| d | D | B | Chrome Steel | Stainless | C, dyn. N | C, stat. N | Grease | Oil | |
| 2.0 | 6.0 | 3.0 | F 2-6 | - | 123 | 82 | - | 7.5 | < 1 g |
| 4.0 | 9.0 | 4.0 | F 4-9 | - | 167 | 157 | - | 6.5 | < 1 g |
| 4.0 | 10.0 | 4.5 | F 4-10 | - | 274 | 245 | - | 6.0 | < 2 g |
| 5.0 | 11.0 | 4.5 | F 5-11 | - | 284 | 284 | - | 5.0 | < 3 g |
| 6.0 | 12.0 | 4.5 | F 6-12 | - | 274 | 284 | - | 4.0 | < 3 g |
| 7.0 | 15.0 | 5.0 | F 7-15 | - | 559 | 549 | - | 3.8 | < 5 g |
| 8.0 | 16.0 | 5.0 | F 8-16 | - | 598 | 627 | - | 3.5 | < 5 g |
| 9.0 | 17.0 | 5.0 | F 9-17 | - | 578 | 627 | - | 3.5 | < 6 g |
| 10.0 | 18.0 | 5.5 | F10-18 | - | 617 | 706 | - | 3.0 | < 6 g |
| 3.0 | 8.0 | 3.5 | B 3 | SB 3 | 602 | 611 | - | 15.0 | < 2 g |
| 4.0 | 10.0 | 4.0 | B 4 | SB 4 | 602 | 611 | - | 15.0 | < 2 g |
| 5.0 | 12.0 | 4.0 | B 5 | SB 5 | 640 | 810 | - | 13.0 | < 2 g |
| 6.0 | 14.0 | 5.0 | B 6 | SB 6 | 1275 | 1560 | - | 10.0 | < 2 g |
| 7.0 | 17.0 | 6.0 | B 7 | SB 7 | 1830 | 2450 | - | 10.0 | < 2 g |
| 8.0 | 19.0 | 7.0 | B 8 | SB 8 | 2340 | 3190 | - | 8.0 | < 2 g |
| 9.0 | 20.0 | 7.0 | B 9 | SB 9 | 2400 | 3190 | - | 8.0 | < 2 g |
| 10.0 | 24.0 | 9.0 | 51100 | S51100 | 8710 | 8800 | 7.5 | 9.5 | 20 g |
| 10.0 | 26.0 | 11.0 | 51200 | S51200 | 12700 | 17000 | 6.0 | 8.0 | 29 g |
| 12.0 | 26.0 | 9.0 | 51101 | S51101 | 9035 | 10000 | 7.0 | 9.5 | 22 g |
| 12.0 | 28.0 | 11.0 | 51201 | S51201 | 13200 | 19000 | 6.0 | 8.0 | 32 g |
| 15.0 | 28.0 | 9.0 | 51102 | S51102 | 9360 | 11200 | 6.3 | 8.5 | 24 g |
| 15.0 | 32.0 | 12.0 | 51202 | S51202 | 16600 | 25000 | 5.0 | 6.7 | 43 g |
| 17.0 | 30.0 | 9.0 | 51103 | S51103 | 9750 | 12200 | 6.3 | 8.5 | 28 g |
| 17.0 | 35.0 | 12.0 | 51203 | S51203 | 17300 | 27500 | 5.0 | 6.7 | 50 g |
| 20.0 | 35.0 | 10.0 | 51104 | S51104 | 12740 | 16600 | 5.6 | 7.5 | 40 g |

推力球轴承



Type 51... mit Laufnute / with groove



4

| Dimension (mm) | | | Designation/Type | | * Load Rating (only 100 Cr6) | | * Limiting Speed x1000rpm | | Weight (g) approx. |
|----------------|-------|------|------------------|-----------|------------------------------|------------|---------------------------|-----|--------------------|
| d | D | B | Chrome Steel | Stainless | C, dyn. N | C, stat. N | Grease | Oil | |
| 20.0 | 40.0 | 14.0 | 51204 | S51204 | 19890 | 25000 | 4.3 | 5.6 | 82 g |
| 25.0 | 42.0 | 11.0 | 51105 | S51105 | 15860 | 22800 | 4.8 | 6.3 | 59 g |
| 25.0 | 47.0 | 15.0 | 51205 | S51205 | 25090 | 34000 | 3.8 | 5.0 | 120 g |
| 25.0 | 52.0 | 18.0 | 51305 | - | 34500 | 55000 | 3.2 | 4.3 | 154 g |
| 30.0 | 47.0 | 11.0 | 51106 | S51106 | 16770 | 26500 | 4.5 | 6.0 | 68 g |
| 30.0 | 52.0 | 16.0 | 51206 | S51206 | 25480 | 37500 | 3.6 | 4.5 | 150 g |
| 30.0 | 60.0 | 21.0 | 51306 | - | 38000 | 65500 | 3.0 | 4.0 | 244 g |
| 35.0 | 52.0 | 12.0 | 51107 | S51107 | 17420 | 30000 | 4.3 | 5.6 | 90 g |
| 35.0 | 62.0 | 18.0 | 51207 | S51207 | 39000 | 78000 | 3.0 | 4.0 | 220 g |
| 35.0 | 68.0 | 24.0 | 51307 | - | 50000 | 88000 | 2.7 | 3.6 | 351 g |
| 40.0 | 60.0 | 13.0 | 51108 | S51108 | 23400 | 40000 | 3.8 | 5.0 | 120 g |
| 40.0 | 68.0 | 19.0 | 51208 | S51208 | 46500 | 98000 | 2.9 | 3.8 | 270 g |
| 40.0 | 78.0 | 26.0 | 51308 | - | 61000 | 112000 | 2.4 | 3.2 | 536 g |
| 45.0 | 65.0 | 14.0 | 51109 | S51109 | 24180 | 45000 | 3.4 | 4.5 | 150 g |
| 45.0 | 73.0 | 20.0 | 51209 | S51209 | 47500 | 105000 | 2.5 | 3.5 | 320 g |
| 45.0 | 85.0 | 28.0 | 51309 | - | 75000 | 14000 | 2.1 | 3.0 | 612 g |
| 50.0 | 70.0 | 14.0 | 51110 | S51110 | 25480 | 50000 | 3.3 | 4.5 | 160 g |
| 50.0 | 78.0 | 22.0 | 51210 | S51210 | 48500 | 111000 | 2.4 | 3.4 | 390 g |
| 50.0 | 95.0 | 31.0 | 51310 | - | 86500 | 170000 | 1.9 | 2.8 | 932 g |
| 55.0 | 78.0 | 16.0 | 51111 | S51111 | 34500 | 93000 | 2.7 | 3.8 | 240 g |
| 55.0 | 90.0 | 25.0 | 51211 | S51211 | 69000 | 159000 | 1.9 | 2.8 | 610 g |
| 55.0 | 105.0 | 35.0 | 51311 | - | 102000 | 208000 | 1.7 | 2.4 | 1300 g |
| 60.0 | 85.0 | 17.0 | 51112 | S51112 | 41500 | 113000 | 2.6 | 3.7 | 290 g |
| 60.0 | 85.0 | 17.0 | 51212 | S51212 | 73000 | 179000 | 1.9 | 2.7 | 690 g |
| 60.0 | 110.0 | 35.0 | 51312 | S51312 | 100000 | 208000 | 1.6 | 2.2 | 1360 g |

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