

Bezeichnung einer Metallgummischeibe mit $d_1 = 55$, $d_2 = 130$, $h_1 = 16$, Nenngröße 7

Durel - Metallgummischeibe 7 NO 16972

Designation of a metal rubber disk with $d_1 = 55$, $d_2 = 130$, $h_1 = 16$, size 7

Durel - Metal rubber disk 7 NO 16972

| Nenngröße size | Abmessungen - dimensions (mm) | | | | | | | | | | | Druckbeanspruchung pressure stress | | | | Stückgewicht unit weight kg | | |
|-------------------|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------------|---|---------|---------------------------------------|---------|-----------------------------------|-------|-------|
| | d_1 | d_2 | h_1 | d_3 | d_4 | d_5 | h_2 | r_1 | r_2 | s | α° | zulässige Dauerlast admissible steady load | | seltene Spitzenlast rare peak load | | | | |
| | | | | | | | | | | | | P kN | f mm | P kN | f mm | | | |
| 1 | 26 | 65 | 11 | 46 | 30 | 62 | 2,5 | 2 | 0,5 | 1 | 60 | 7 | 1,8 | 18 | 3,6 | 0,053 | | |
| 2 | 30 | 110 | 20,8 | 76 | 38 | 102 | 3,5 | 3 | 1 | 1,75 | | 14 | 3,7 | 64 | 7,4 | 0,286 | | |
| 3 | | | 25,8 | | | | | | | | | | | 13 | 5,1 | 75 | 10,2 | 0,320 |
| 4 | 35 | 100 | 27,5 | 64 | 40 | 90 | | | | | | | | 10 | 6,4 | 60 | 13 | 0,237 |
| 5 | 40 | 110 | 15,8 | 76 | 44 | 102 | | | | 1,75 | | 14,5 | 2,4 | 50 | 5 | 0,262 | | |
| 6 | 45 | 95 | 10,5 | 70 | 50 | 90 | 2,5 | 2,5 | | 1,5 | | 8 | 1,4 | 21 | 2,8 | 0,134 | | |
| 7 | | 130 | 16 | 90 | | 123 | 5 | 4 | 2 | | | 17,5 | 2,1 | 59 | 4,2 | 0,389 | | |
| 8 | 55 | 153 | | 102 | 60 | 145 | | | | | | | | 28,5 | 1,9 | 90 | 3,9 | 0,581 |
| 9 | | | 30 | | | | | | | | | | | 30 | 6,2 | 110 | 12,2 | 0,813 |
| 10 | | 210 | 20 | 154 | | 200 | 6 | 6 | 1,2 | | | 46 | 2,0 | 146 | 4 | 1,261 | | |
| 11 | 60 | 164 | 16 | 110 | 64 | 156 | 4 | 4 | 2 | 2 | | 31 | 1,8 | 90 | 3,6 | 0,804 | | |
| 12 | | | 23 | | | | | | | | | 34 | 3,6 | 125 | 7,2 | 1,017 | | |
| 13 | 66 | 220 | 62 | 154 | 100 | 200 | 6 | 6 | 1,2 | | | 33 | 13 | 105 | 26 | 2,397 | | |
| 14 | 70 | 240 | 25 | | 76 | 230 | | 5 | | | | 62 | 2,9 | 222 | 5,9 | 1,950 | | |
| 15 | 75 | 155 | 12 | 115 | 80 | 150 | 5 | 4 | 2 | | | 24 | 1,2 | 75 | 2,5 | 0,464 | | |
| 16 | 78 | 265 | 27,8 | 166 | 90 | 250 | 7 | 6 | | 2,75 | | 84 | 3,2 | 282 | 6,4 | 2,833 | | |
| 17 | 90 | 160 | 12 | 125 | 95 | 155 | 5 | 4 | | 2 | | 23 | 1,3 | 68 | 2,7 | 0,433 | | |
| 18 | 95 | 210 | 20 | 154 | 100 | 200 | 6 | 6 | 1,2 | | | 46 | 2,6 | 177 | 5,3 | 1,089 | | |
| 19 | 154 | 320 | 18 | 235 | 160 | 310 | 7 | | 2 | 3 | | 100 | 58 | 1,4 | 200 | 2,8 | 3,015 | |

Werkstoffe: Metallscheiben FeP03
Federkörper NK 55° shore-A

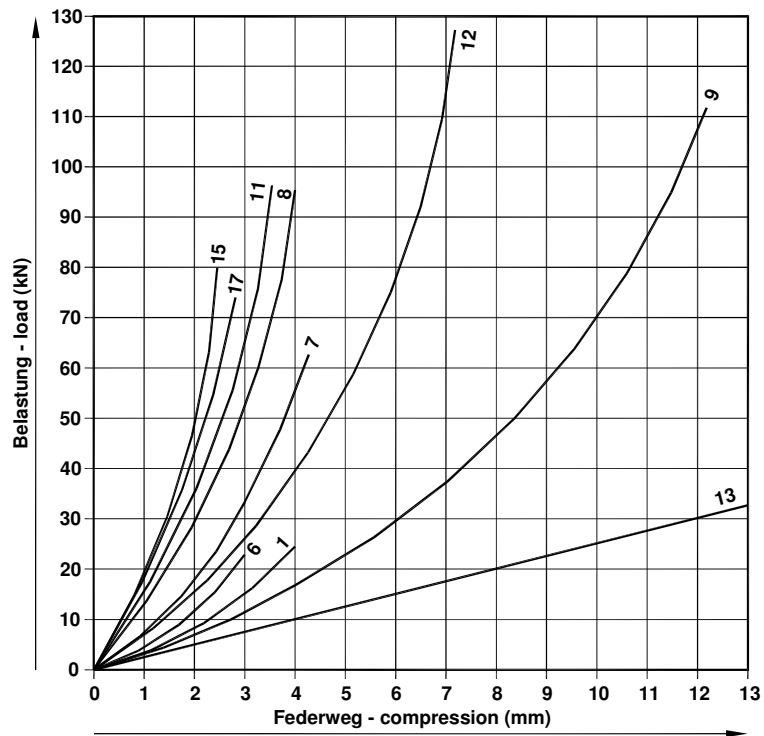
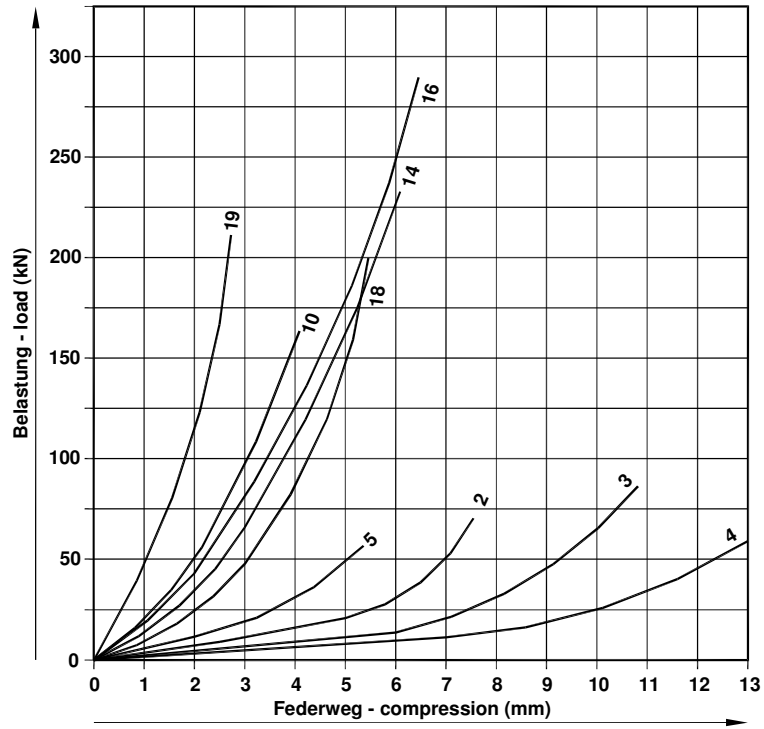
Durel - Metallgummischeiben sind mit Vorspannung einzubauen:

bei normaler Beanspruchung 5% von h_1 .
bei hohen Stößen 10% von h_1 .

Materials: metal disk FeP03
spring body NR 60° shore-A

Durel - Metal rubber disks are to install with prestress:

at normal stress 5% from h_1 .
at high impacts 10% from h_1 .



Änderungen der Durchmesser bei Belastung
Changing of diameters at load

| Nenngröße size | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
|---|----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| zulässige Dauerlast admissible steady load | d ₁ | 24 | 30 | 32 | 32 | 37 | 44 | 54 | 55 | 58 | 52 | 58 | 54 | 65 | 70 | 75 | 72 | 90 | 88 | 151 |
| | d ₂ | 71 | 112 | 112 | 100 | 112 | 98 | 132 | 154 | 160 | 158 | 165 | 167 | 225 | 240 | 159 | 260 | 170 | 210 | 325 |
| selten Spitzenlast rare peak load | d ₁ | 19 | 25 | 25 | 20 | 30 | 37 | 45 | 45 | 35 | 40 | 49 | 40 | 60 | 62 | 70 | 54 | 82 | 80 | 140 |
| | d ₂ | 74 | 122 | 125 | 116 | 118 | 104 | 137 | 159 | 173 | 221 | 170 | 179 | 252 | 256 | 165 | 276 | 178 | 222 | 332 |