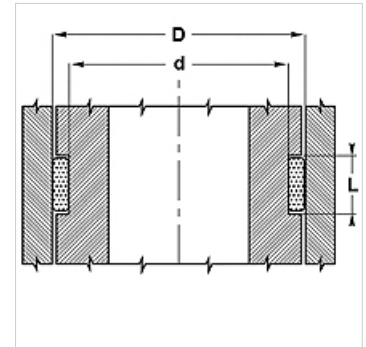


Properties

| | |
|---------------------------|--|
| Design | Guide ring |
| Sliding speed max. | 0,8 m/s |
| Surface pressure | at 20°C 15 N/mm ² ; at 100°C 10 N/mm ³ |
| Temp. min. | -30 °C |
| Temp. max. | 110 °C |
| Media | Mineral oils Water emulsions |
| Installation | insert into the groove |
| Material | acetal resin + glass fibre |
| Application | Hydraulics |



| Toleranz / Tolerance | | |
|----------------------|------------|------------|
| D | d | L |
| H8 | 0 -0,05 | +0,10 0 |



Note

Calculation of shear force; $F = p \times D \times L \times n$
 F = maximum shear force (N)
 p = maximum surface pressure (N/mm²)
 $D \times L$ = projected area (mm²)
 n = quantity of rings

Description

Easy working of the fitting groove and assembly.
 High load-bearing capacity.
 Low coefficient of wear and low coefficient of friction (between 0.05 and 0.1) available in many sizes.

Ordering information

We are able to produce guide rings with diameters of 20 to 510 mm with short lead times.

| Item | D | d | L |
|------------------|------|------|------|
| Identification | (mm) | (mm) | (mm) |
| E-DWR 20-2-9.6 | 20 | 16 | 9,6 |
| E-DWR 22-2-9.6 | 22 | 18 | 9,6 |
| E-DWR 25-2-9.6 | 25 | 21 | 9,6 |
| E-DWR 28-2-9.6 | 28 | 24 | 9,6 |
| E-DWR 30-2-9.6 | 30 | 26 | 9,6 |
| E-DWR 32-2-9.6 | 32 | 28 | 9,6 |
| E-DWR 34-2-9.6 | 34 | 30 | 9,6 |
| E-DWR 34-2-16 | 34 | 30 | 16,0 |
| E-DWR 35-2-9.6 | 35 | 31 | 9,6 |
| E-DWR 36-2-9.6 | 36 | 32 | 9,6 |
| E-DWR 40-3-9.6 | 40 | 34 | 9,6 |
| E-DWR 40-2-9.6 | 40 | 36 | 9,6 |
| E-DWR 45-3-9.6 | 45 | 39 | 9,6 |
| E-DWR 45-2-9.6 | 45 | 41 | 9,6 |
| E-DWR 50-3-9.6 | 50 | 44 | 9,6 |
| E-DWR 50-3-12.8 | 50 | 44 | 12,8 |
| E-DWR 55-3-12.8 | 55 | 49 | 12,8 |
| E-DWR 56-3-12.8 | 56 | 50 | 12,8 |
| E-DWR 60-3-12.8 | 60 | 54 | 12,8 |
| E-DWR 63-3-12.8 | 63 | 57 | 12,8 |
| E-DWR 65-3-12.8 | 65 | 59 | 12,8 |
| E-DWR 70-3-12.8 | 70 | 64 | 12,8 |
| E-DWR 74-3-12.8 | 74 | 68 | 12,8 |
| E-DWR 75-3-12.8 | 75 | 69 | 12,8 |
| E-DWR 80-3-12.8 | 80 | 74 | 12,8 |
| E-DWR 85-3-12.8 | 85 | 79 | 12,8 |
| E-DWR 90-3-10 | 90 | 84 | 10,0 |
| E-DWR 100-3-12.8 | 100 | 94 | 12,8 |
| E-DWR 105-3-12.8 | 105 | 99 | 12,8 |
| E-DWR 110-3-12.8 | 110 | 104 | 12,8 |



| Item | | | |
|------------------|-----------|-----------|-----------|
| Identification | D (mm) | d (mm) | L (mm) |
| E-DWR 115-3-12.8 | 115 | 109 | 12,8 |
| E-DWR 120-3-12.8 | 120 | 114 | 12,8 |
| E-DWR 125-3-12.8 | 125 | 119 | 12,8 |
| E-DWR 135-3-12.8 | 135 | 129 | 12,8 |
| E-DWR 135-3-19.2 | 135 | 129 | 19,2 |
| E-DWR 140-3-12.8 | 140 | 134 | 12,8 |
| E-DWR 150-3-12.8 | 150 | 144 | 12,8 |
| E-DWR 155-3-19.2 | 155 | 149 | 19,2 |
| E-DWR 160-3-19.2 | 160 | 154 | 19,2 |
| E-DWR 165-3-19.2 | 165 | 159 | 19,2 |
| E-DWR 250-3-19.2 | 250 | 244 | 19,2 |