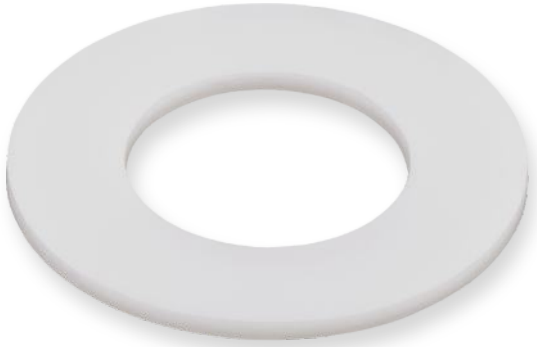


KA GLACETAL

ENGINEERED PLASTIC THRUST WASHER



APPLICATIONS

Industrial – Thrust washers are used as axial bearings in conjunction with all cylindrical bushes according to ISO 3547 to prevent metal-to-metal contact and fretting damage

CHARACTERISTICS

- Good bearing performance in light duty working conditions
- Good performance in lubricated or marginally lubricated applications
- Corrosion resistant in humid/saline environments
- Very good price performance ratio
- Very good weight performance ratio

AVAILABILITY

Bearing forms available in standard dimensions:

Plain thrust washers

Non standard parts made to order



| BEARING PROPERTIES | | UNITS | VALUE |
|--------------------|--|-------|-------|
|--------------------|--|-------|-------|

GENERAL

| | | | |
|-----------------------|---------|-------------------|------|
| Maximum load, p | Static | N/mm ² | 20 |
| | Dynamic | N/mm ² | 10 |
| Operating temperature | Min | °C | - 40 |
| | Max | °C | 80 |

GREASED

| | | | |
|----------------------------|--|-------------------------|-------------|
| Maximum sliding speed, U | | m/s | 1.5 |
| Maximum pU factor | | N/mm ² x m/s | 0.35 |
| Coefficient of friction, f | | | 0.08 - 0.12 |

RECOMMENDATIONS

| | | | |
|-----------------------------|-------------------------|----|-------|
| Shaft surface roughness, Ra | Greased | µm | ≤ 0.4 |
| Shaft surface hardness | Normal | HB | > 200 |
| | For longer service life | HB | > 350 |

OPERATING PERFORMANCE

| | |
|--------------------------|------|
| Dry | Fair |
| Oil lubricated | Good |
| Grease lubricated | Good |
| Water lubricated | Fair |
| Process fluid lubricated | Fair |

OPERATING PERFORMANCE

| | |
|--------------------------|------|
| Dry | EP22 |
| Water lubricated | EP22 |
| Process fluid lubricated | EP22 |

MICROSECTION

