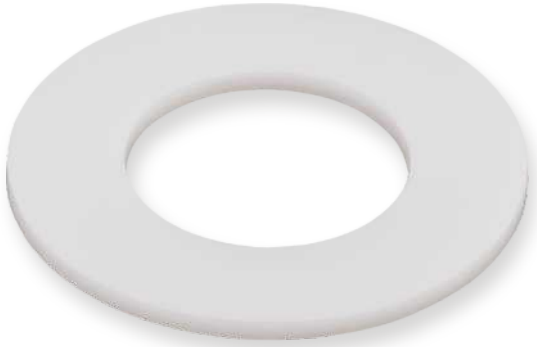


KA GLACETAL

**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
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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
	Normal	HB	> 200
Shaft surface hardness	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

