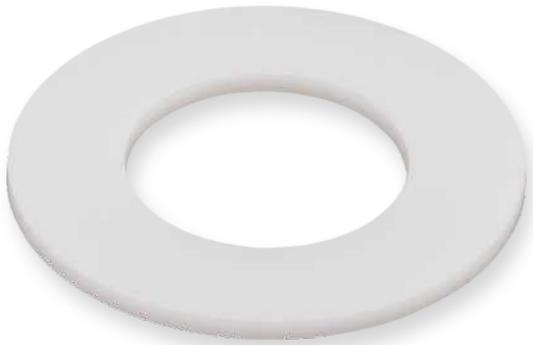


KA GLACETAL

**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		IMPERIAL UNITS	IMPERIAL VALUE	METRIC UNITS	METRIC VALUE
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GENERAL					
Maximum load, p	Static	psi	3 000	N/mm ²	20
	Dynamic	psi	1 500	N/mm ²	10
Operating temperature	Min	°F	- 40	°C	- 40
	Max	°F	180	°C	80

GREASED					
Maximum sliding speed, U		fpm	300	m/s	1.5
Maximum pU factor		psi x fpm	10 000	N/mm ² x m/s	0.35
Coefficient of friction, f			0.08 - 0.12		0.08 - 0.12

RECOMMENDATIONS					
Shaft surface roughness, Ra	Greased	µin	≤ 16	µm	≤ 0.4
Shaft surface hardness	Normal	HB	> 200	HB	> 200
	For longer service life	HB	> 350	HB	> 350

OPERATING PERFORMANCE	
Dry	Fair
Oil lubricated	Good
Grease lubricated	Good
Water lubricated	Fair
Process fluid lubricated	Fair

FOR SUPERIOR PERFORMANCE	
Dry	EP22
Water lubricated	EP22
Process fluid lubricated	EP22

MICROSECTION

