



# HiMod<sup>®</sup> Slydring<sup>®</sup> HC

INCH VERSION



## HiMod<sup>®</sup> Slydring<sup>®</sup> HC – Trusted Quality and Reliability are Within Reach.

Trelleborg Sealing Solutions extends its commitment to provide a full range of cost-effective solutions with the introduction of a high quality, value-focused, imperial-sized wear ring product. HiMod<sup>®</sup> Slydring<sup>®</sup> HC meets the needs for durability and reliability in the linear hydraulic cylinder market in a wide range of applications and gives manufacturers the confidence of working with a trusted source for highly engineered solutions.

With HiMod<sup>®</sup> Slydring<sup>®</sup> HC, Trelleborg Sealing Solutions also provides the ability to streamline procurement. Our complete portfolio allows customers to simplify purchasing to meet a full spectrum of needs from a single supplier. In addition, our global reach provides local support for customers around the world, along with added value programs in inventory management and advanced delivery services.

### Application Examples

- Off-highway / construction equipment
- Mobile hydraulics
- Agriculture machinery
- Mining equipment
- Material handling
- Industrial machinery

### Materials

HiMod<sup>®</sup> HM803 is a proprietary heat-stabilized Nylon material with special glass fibers for improved bearing characteristics and proven performance.

### Specifications

- Diameters available from 1 to 12 inches
- Axial widths available from 0.250 to 2.000 inches
- Radial cross section is 0.120 inches / 0.125 inches
- Gap of the wear ring is butt cut

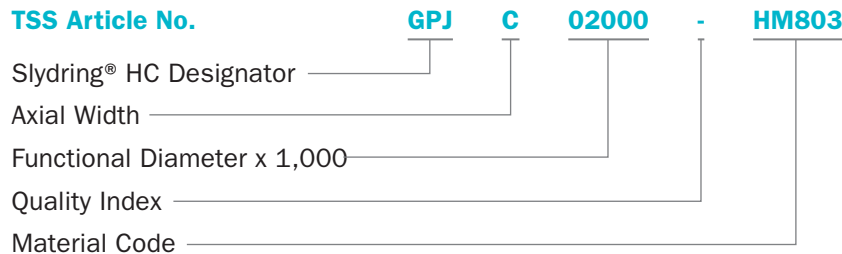
## HIMOD® SLYDRING® HC (INCH VERSION)

Features	Functional Advantage	Benefits
Durable, lightweight material	Handles high compressive strength and temperatures	High wear resistance and prevents metal-to-metal contact
Low-friction material	Reduces heat in lubricated environments	Protects cylinder and seals for long lasting performance and reliability
Produced on state of the art injection molding equipment	Consistent and reliable product	Reduced maintenance and repair costs
Engineered product	Sized properly for the application	True fit and easier installation improves changeover times
Wide range of sizes produced and stocked in the U.S.	In stock and ready when needed	Quick turn fulfillment

Characteristics		Specifications
<b>Movement</b>		Linear
<b>Compressive Strength</b>	up to +140 °F	10,875 psi
	over +140 °F	5,750 psi
<b>Speed (max.)</b>		3.3 ft/s
<b>Temperature Range</b>		-40 °F to +275 °F
<b>Water Absorption</b>		< 1% (by volume)
<b>Fluid Media</b>		Mineral or petroleum base fluids and greases, as well as most aliphatic and aromatic hydrocarbons

\* The above data includes maximum values and cannot be used at the same time. The maximum operating speed depends on material type, pressure, temperature and gap value. Temperature range also dependent on media. Contact your local Trelleborg Sealing Solutions marketing company for an evaluation of your application.

### TSS Article No.



Axial Width Code	Specifications (Inches)
<b>A</b>	0.250
<b>B</b>	0.375
<b>C</b>	0.500
<b>E</b>	0.750
<b>F</b>	1.000
<b>H</b>	1.500
<b>J</b>	2.000