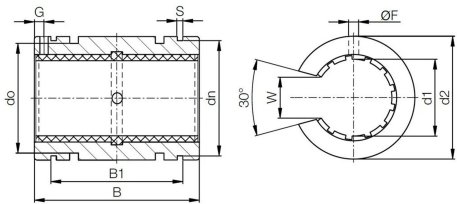


drylin® R linear slide bearing OE7UI-01, imperial
OE7UI-01-08



drylin® R linear slide bearing OE7UI-01, imperial

- Dimensionally interchangeable with linear ball bearings
- Equipped with liner made of iglidur® E7
Temperature range -40°F to +194°F, E7UIO-01 (standard)
- Suitable shafting: case-hardened, 300 series stainless, hard-chrome and hard-stainless steel

Ø dn	0.82 in
F	0.136 in
G	0.625 in
W	0.394 in
B1	0.979 in
Ø do	0.684 in
B	1.25 in
Ø d1	0.5 in
s	0.684 in
Ø d2	0.875 in

Product description

Introducing the drylin R linear slide bearing OE7UI-01, a versatile solution for your motion needs. This imperial bearing is dimensionally interchangeable with linear ball bearings, ensuring easy integration. It features a durable liner made of iglidur E7, operating effectively in temperatures ranging from -40°F to +194°F. Designed for use with case-hardened, 300 series stainless, hard-chrome, and hard-stainless steel shafting, it offers reliable performance for various applications.

Requirements

Mould-resistant according to DIN EN ISO 846 Procedure A	No
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Manufacturing and installation tolerances

d1 tolerance	+0.0016 +0.0032 inch
d2 tolerance	h7
B tolerance	h10
Housing bore (min.)	0.875 in
Housing bore (max.)	0.8758 in
dn tolerance	h10

General properties

Sliding element material	igidur_e7
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Dimensions

Ø d1	0.5 in
Ø d2	0.875 in
W	0.394 in
B	1.25 in
B1	0.979 in
s	0.684 in
Ø dn	0.82 in
Ø do	0.684 in

Mechanical properties

Fmax. dynamic P = 725 psi; 0°	226 lbf
Fmax. dynamic P = 725 psi; 90°	154 lbf
Fmax. dynamic P = 725 psi; 180°	80 lbf
Fmax. dynamic P = 5075 psi; 0°	1.585 lbf
Fmax. dynamic P = 5075 psi; 90°	1.078 lbf
Fmax. dynamic P = 5075 psi; 180°	555 lbf