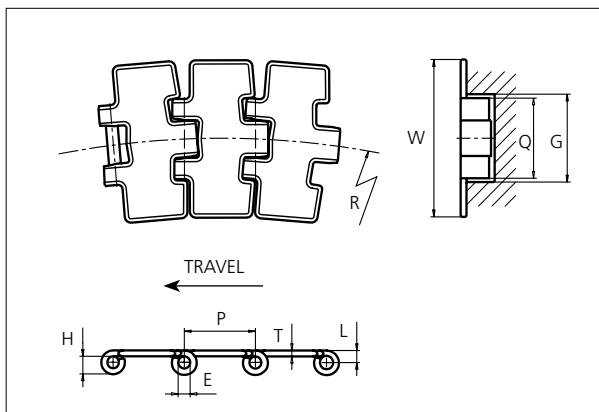


Slat Top Stainless Steel Chain

Series **uni 8811 PLUS+** Type **Magnetic**



Slat Top Stainless Steel Chain

Side flexing chain
Pitch: 38.1 mm (1.50 in)
Backflex radius:
76.2 mm (3.00 in)

Standard shipping lengths:
coils of 80 links
= 3.048 m (10.0 ft)

| E | | G | | H | | L | | P | | Q | | T | |
|-----|------|------|------|-----|------|-----|------|------|------|------|------|-----|------|
| mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in |
| 6.4 | 0.25 | 44.0 | 1.73 | 9.9 | 0.39 | 6.5 | 0.26 | 38.1 | 1.50 | 42.2 | 1.66 | 3.0 | 0.12 |

| | Width (W) | | Min. radius (R) | | Weight | | Permissible tensile strength N/lbf | Chain material | Pin material* | Surface | |
|-------------|-----------|------|-----------------|-------|--------|-------|------------------------------------|---|--|-----------|----------|
| | mm | in | mm | in | kg/m | lb/ft | | | | Roughness | Hardness |
| K325 | 82.6 | 3.25 | 500 | 19.69 | 2.50 | 1.68 | 3000 / 674 | S420 35 (Special Work hardened Crome-nickel ferritic Stainless Steel) | AISI 431 (Work hardened magnetic Stainless Steel) | < 0.3 µm | 30 HRC |
| K330 | 83.8 | 3.30 | | | 2.65 | 1.78 | | | | | |

* Chains with special hardened pin (HP) for additional wear resistance and higher corrosion strength are made to order.

STANDARD

SIDE FLEXING

PITCH 38.1 MM/1.50 IN

Any questions? Please contact us.

Morskate Aandrijvingen BV

Oosterveldsingel 47A
7558 PJ Hengelo (Ov)
The Netherlands

NL

T +31 (0)74 - 760 11 11
info@morskateaandrijvingen.nl
www.morskateaandrijvingen.nl

DE

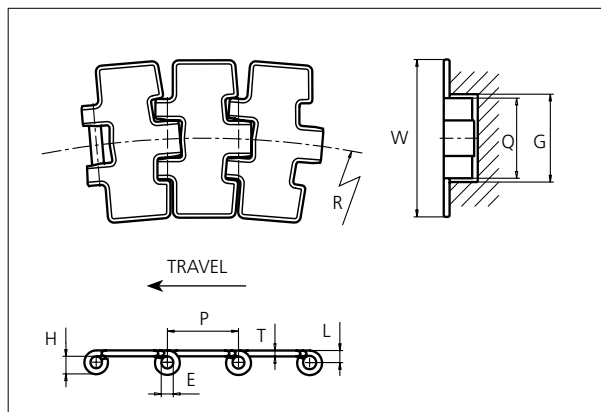
T +49 692 - 222 34 95
info@morskateantriebstechnik.de
www.morskateantriebstechnik.de

EN

T +31 (0)74 - 760 11 11
info@morskatedrivetechnology.com
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Backflex radius:
76.2 mm (3.00 in)

Standard shipping lengths:
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| E | | G | | H | | L | | P | | Q | | T | |
|-----|------|------|------|-----|------|-----|------|------|------|------|------|-----|------|
| mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in |
| 6.4 | 0.25 | 44.0 | 1.73 | 9.9 | 0.39 | 6.5 | 0.26 | 38.1 | 1.50 | 42.2 | 1.66 | 3.0 | 0.12 |

| | Width (W) | | Min. radius (R) | | Weight | | Permissible tensile strength N/lbf | Chain material | Pin material* | Surface | |
|-------------|-----------|------|-----------------|-------|--------|-------|------------------------------------|---|--|-----------|----------|
| | mm | in | mm | in | kg/m | lb/ft | | | | Roughness | Hardness |
| K450 | 114.3 | 4.50 | 500 | 19.69 | 3.20 | 2.15 | 3000 / 674 | S420 35 (Special Work hardened Crome-nickel ferritic Stainless Steel) | AISI 431 (Work hardened magnetic Stainless Steel) | < 0.3 µm | 30 HRC |
| K750 | 190.5 | 7.50 | | | 4.90 | 3.29 | | | | | |

* Chains with special hardened pin (HP) for additional wear resistance and higher corrosion strength are made to order.

NON STANDARD

SIDE FLEXING

PITCH 38.1 MM/1.50 IN

Any questions? Please contact us.


Morskate Aandrijvingen BV
Oosterveldsingel 47A
7558 PJ Hengelo (Ov)
The Netherlands

NL
T +31 (0)74 - 760 11 11
info@morskateaandrijvingen.nl
www.morskateaandrijvingen.nl

DE
T +49 692 - 222 34 95
info@morskateantriebstechnik.de
www.morskateantriebstechnik.de

EN
T +31 (0)74 - 760 11 11
info@morskatedrivetechnology.com
www.morskatedrivetechnology.com

Sprocket

| No of teeth | Pitch diameter | | Overall-diameter | | Min. ø bore | | Max. ø bore | | Hub-diameter | | Dimension A | | Dimension B | | Molded PA6 LG | Molded Cast Iron | Machined PA6  |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|--|
| | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | | | |
| Z19 | 117.3 | 4.62 | 117.0 | 4.61 | 20.0 | 0.79 | 40.0 | 1.57 | 58.0 | 2.28 | 58.7 | 2.31 | 64.5 | 2.54 | ✓ | ✓ | |
| Z21 | 129.2 | 5.09 | 130.0 | 5.12 | 20.0 | 0.79 | 40.0 | 1.57 | 58.0 | 2.28 | 65.0 | 2.56 | 70.5 | 2.78 | ✓ | ✓ | |
| Z23 | 141.2 | 5.56 | 142.0 | 5.59 | 20.0 | 0.79 | 40.0 | 1.57 | 58.0 | 2.28 | 71.2 | 2.80 | 76.5 | 3.01 | ✓ | ✓ | |
| Z25 | 153.2 | 6.03 | 155.0 | 6.10 | 20.0 | 0.79 | 40.0 | 1.57 | 58.0 | 2.28 | 77.4 | 3.05 | 82.5 | 3.25 | ✓ | ✓ | |
| Z27 | 165.2 | 6.50 | 167.0 | 6.57 | 20.0 | 0.79 | 70.0 | 2.76 | n/a | n/a | 83.6 | 3.29 | 88.5 | 3.48 | | ✓ | ✓ |
| Z29 | 177.2 | 6.98 | 179.0 | 7.05 | 20.0 | 0.79 | 70.0 | 2.76 | n/a | n/a | 89.8 | 3.54 | 94.6 | 3.72 | | ✓ | ✓ |
| Z31 | 189.3 | 7.45 | 192.0 | 7.56 | 20.0 | 0.79 | 70.0 | 2.76 | n/a | n/a | 95.9 | 3.78 | 100.6 | 3.96 | | ✓ | ✓ |

Two part sprocket

| No of teeth | Pitch diameter | | Overall-diameter | | Min. ø bore | | Max. ø bore | | Hub-diameter | | Dimension A | | Dimension B | | Molded PA6 LG |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|
| | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | |
| Z19 | 117.3 | 4.62 | 117.0 | 4.61 | 20.0 | 0.79 | 40.0 | 1.57 | 58.0 | 2.28 | 58.7 | 2.31 | 64.5 | 2.54 | ✓ |
| Z21 | 129.2 | 5.09 | 130.0 | 5.12 | 20.0 | 0.79 | 40.0 | 1.57 | 58.0 | 2.28 | 65.0 | 2.56 | 70.5 | 2.78 | ✓ |
| Z23 | 141.2 | 5.56 | 142.0 | 5.59 | 20.0 | 0.79 | 40.0 | 1.57 | 58.0 | 2.28 | 71.2 | 2.80 | 76.5 | 3.01 | ✓ |
| Z25 | 153.2 | 6.03 | 155.0 | 6.10 | 20.0 | 0.79 | 40.0 | 1.57 | 58.0 | 2.28 | 77.4 | 3.05 | 82.5 | 3.25 | ✓ |

Molded sprocket



Cast iron sprocket



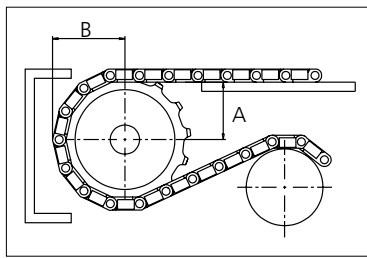
Machined sprocket



Two part sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 31.8 mm/1.25 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

uni Guide Rings can be mounted on cast iron and machined sprockets. See uni Guide Rings data sheet

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DE

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EN

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