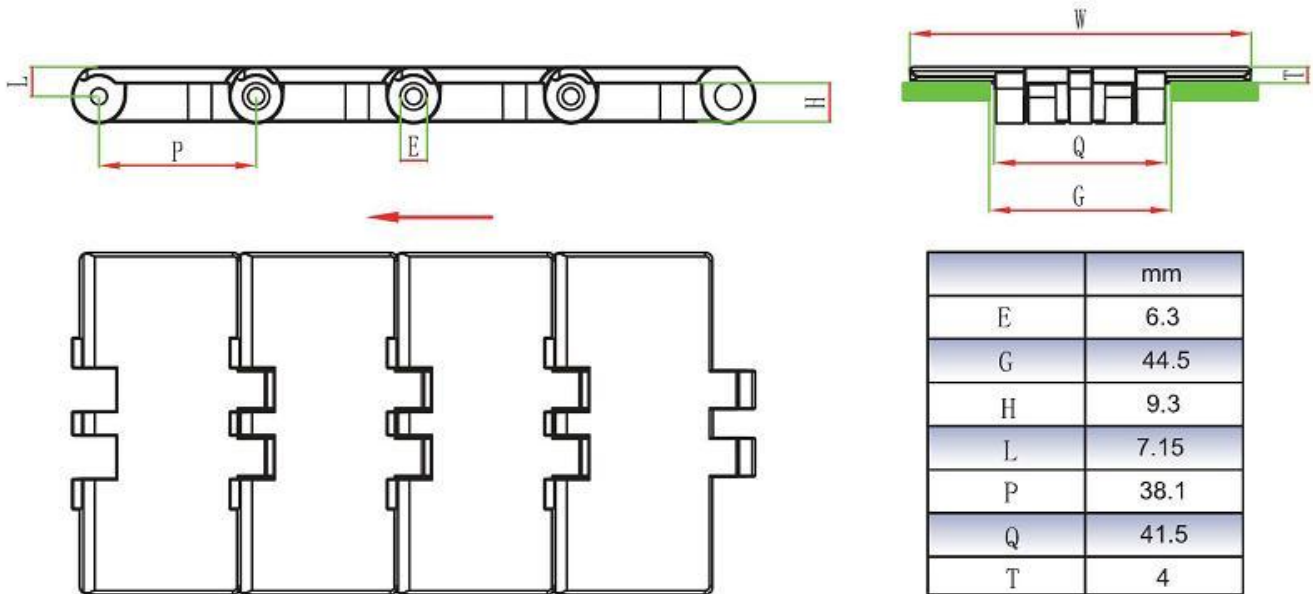


820 Single hinge Chains

- Main application: food and beverage industry such as transportation of bottles, cans etc.
- Material: POM. Work temperature: -30°C to 90 °C
- Pin material: Stainless steel
- Max speed :50m/min lubrication 30m/min dry
- Working load (25°C) 1230N, Max.length 12m



sprocket ref. P22-24



parts ref. P306-332



wear strip ref. P355-359



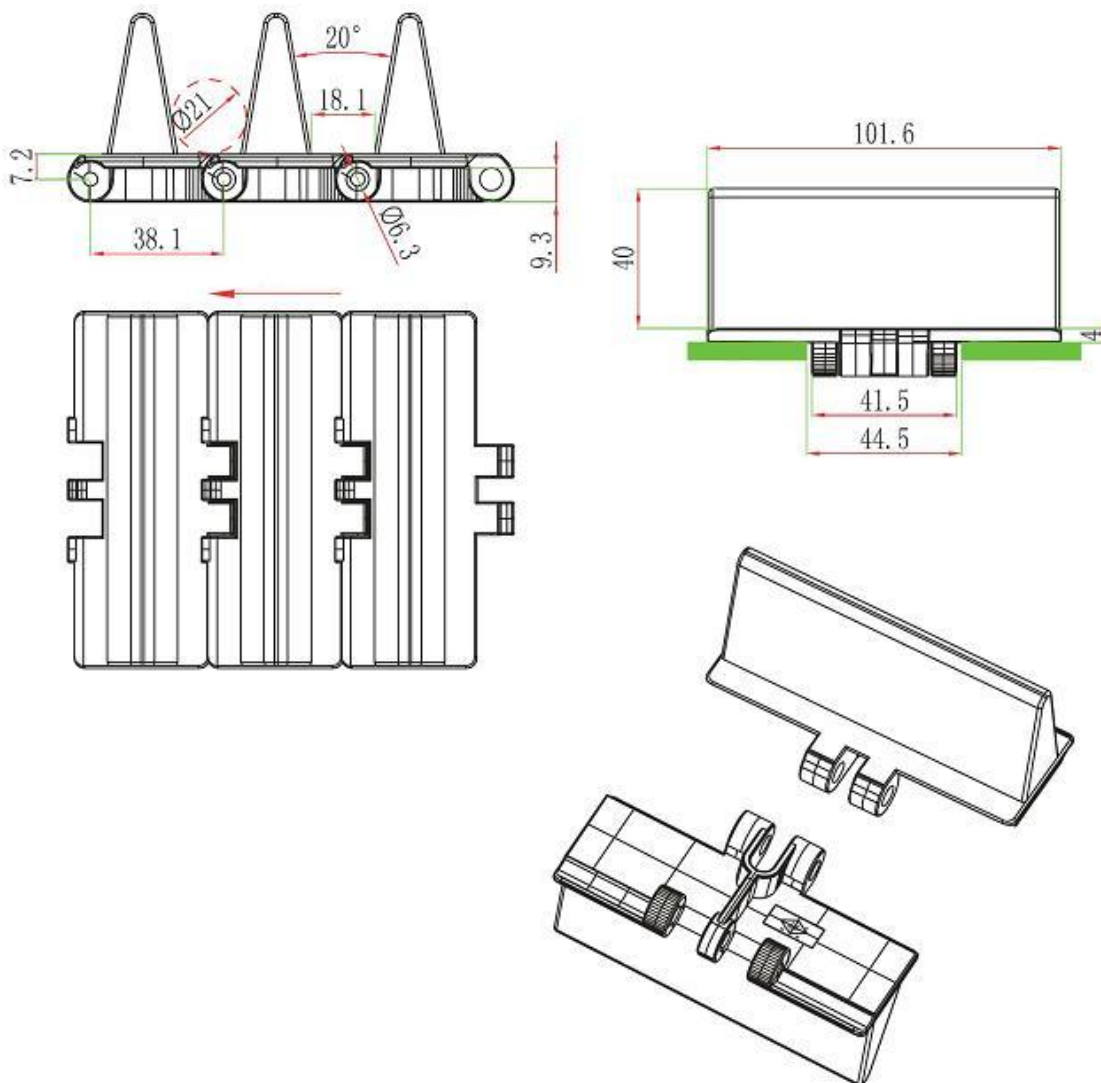
chain guide ref. P343-354

Code	Width (mm)	Weight (Kg/m)	Backflex radius
820-K250 (LL10S)	63.5	0.69	50
820-K325 (LL13S)	82.6	0.82	50
820-K350 (LL14S)	88.9	0.87	50
820-K400 (LL16S)	101.6	0.95	50
820-K450 (LL18S)	114.3	1.00	50
820-K500 (LL20S)	127	1.10	50
820-K600 (LL24S)	152.4	1.20	50
820-K750 (LL30S)	190.5	1.44	50

820-DB Series with flight table top chain

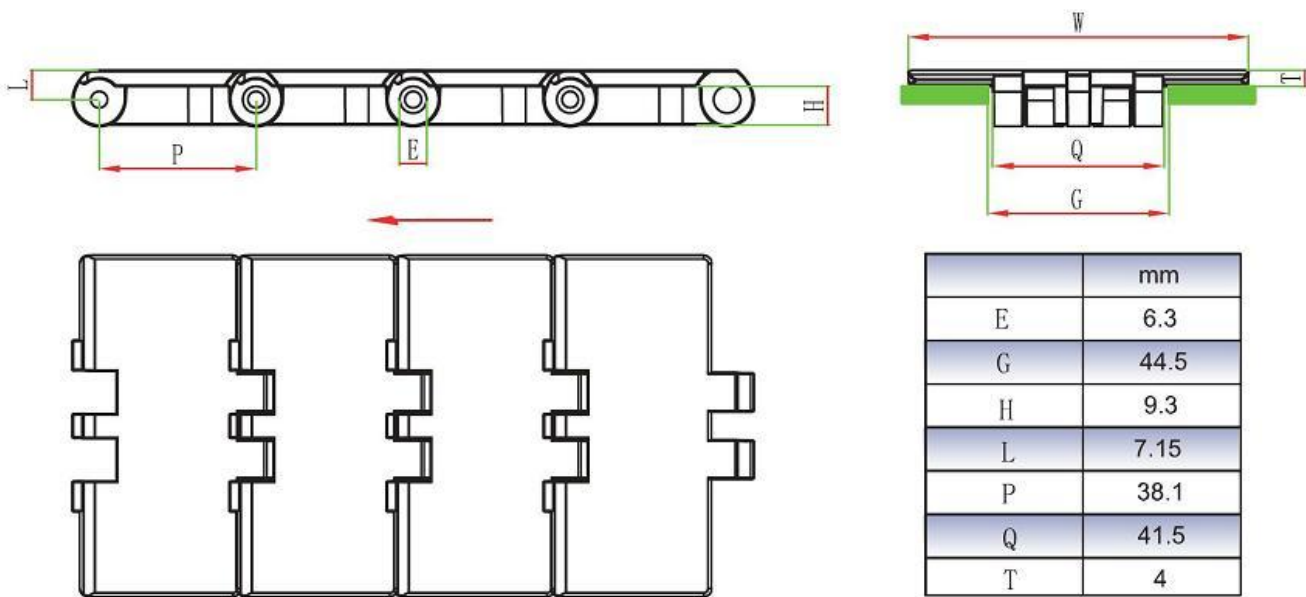
820-K400-DB

- Main application: transportation of strip, round shape etc
- Material: POM. Work temperature: -30°C to 90°C, Color :white
- Pin material: Stainless steel
- weight:2.9 KG /M



820 Anti-static Single hinge Chains

- Main application: anti-static production conveyor
- Mat: anti-static POM, resistivity: $10^5/10^7/10^9$,
- Color: black, work temperature: -30°C to 90°C
- Pin material: Stainless steel
- Max speed :50m/min lubrication 30m/min dry
- Working load (25°C) 1230N, Max.length 12m



sprocket ref. P22-24



parts ref. P306-332



wear strip ref. P355-359

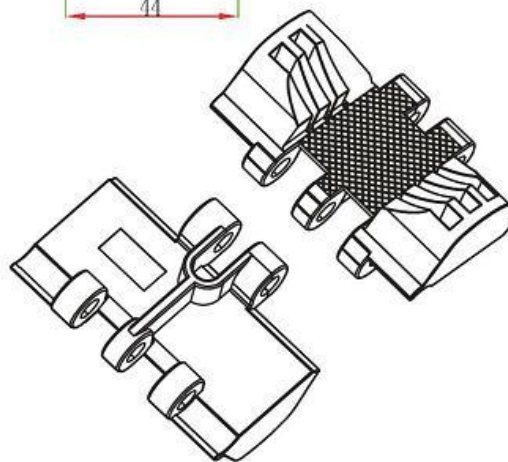
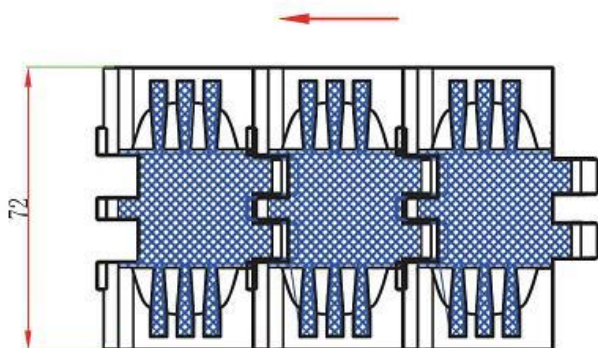
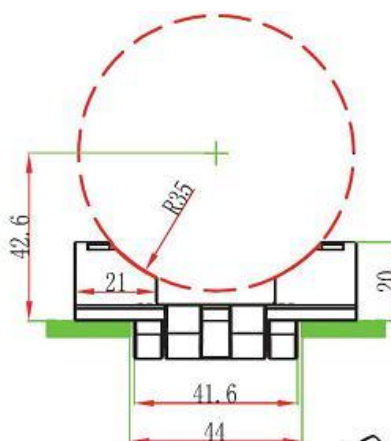
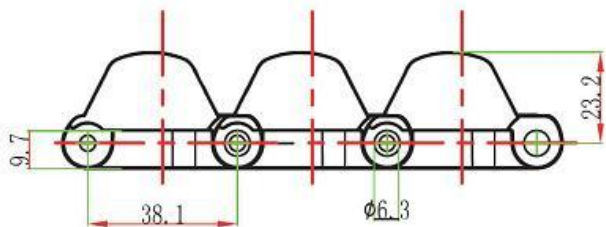


chain guide ref. P343-354

Code	Width (mm)	Weight (Kg/m)	Backflex radius
820-K250 (LL10S)	63.5	0.69	50
820-K325 (LL13S)	82.6	0.82	50
820-K350 (LL14S)	88.9	0.87	50
820-K400 (LL16S)	101.6	0.95	50
820-K450 (LL18S)	114.3	1.00	50
820-K500 (LL20S)	127	1.10	50
820-K600 (LL24S)	152.4	1.20	50
820-K750 (LL30S)	190.5	1.44	50

820 Single hinge Chains

- Main application: transportation of bottles, cans etc.
- Material: POM. Work temperature: -30°C to 90°,
- Color :coffee
- Pin mat.: Stainless steel
- Max speed: 50m/min lubrication 30m/min dry
- Working load (25°C) 1230N,Max.length 12m



sprocket ref. P22-24



parts ref. P306-332



wear strip ref. P355-359

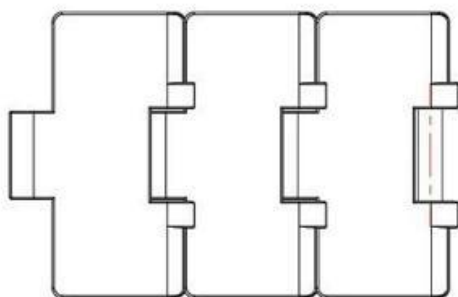
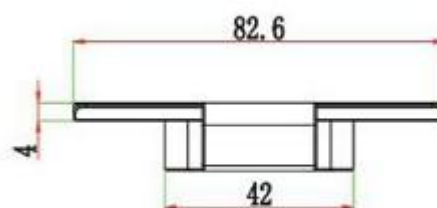
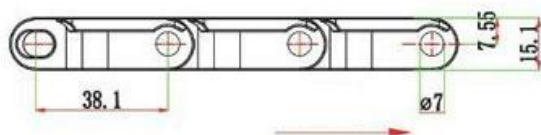
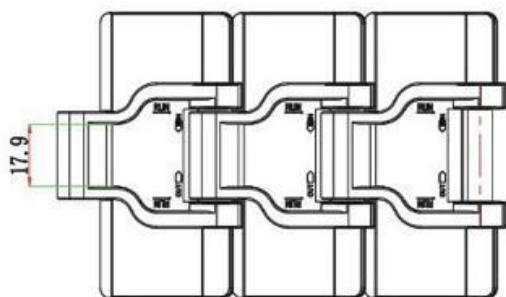


chain guide ref. P343-354

Code	Width (mm)	Weight (Kg/m)	Backflex radius
820-K283	72	1.57	75

820G Single hinge Chains

- Main application: food and beverage industry such as transportation of bottles) cans etc.
- Material: POM. Color:coffee)Work temperature:-30°C to 90 °C
- Pin mat.: Stainless steel
- Sprockets same as 880 series chain
- Max speed :50m/min lubrication 30m/min dry
- Working load (25°C) 1230N)Max.length 12m



sprocket ref. P22-24



parts ref. P306-332



wear strip ref. P355-359



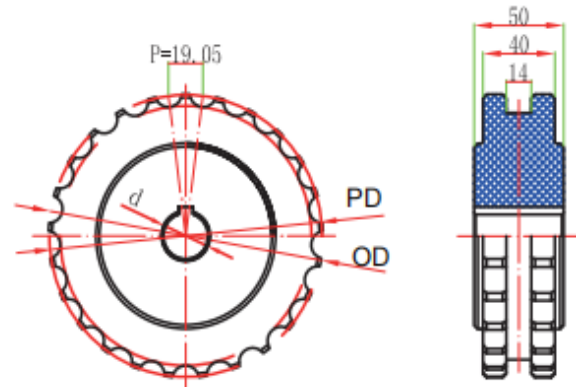
chain guide ref. P343-354

Code	Width (mm)	Weight (Kg/m)	Backflex radius
820G-K325	82.6	1.05	75

820 Sprockets

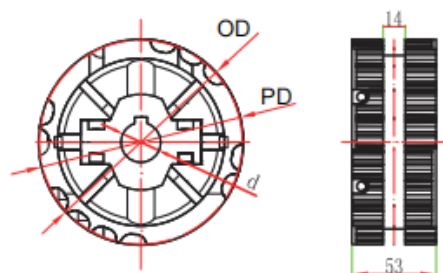
- Material: Polyamide PA6, Machined, high precision , matching well
- Good strength, can be used in light load transport
- Bore tolerance : $D^{+0.08}_{+0.02}$

Code	Teeth No.	PD	OD	Bore/mm
1-820-15-20	15	91.6	92.2	20
1-820-15-25				25
1-820-15-30				30
1-820-17-20	17	103.7	104.7	20
1-820-17-25				25
1-820-17-30				30
1-820-19-20	19	115.7	117	20
1-820-19-25				25
1-820-19-30				30
1-820-19-35				35
1-820-21-25	21	127.8	129	25
1-820-21-30				30
1-820-21-35				35
1-820-21-40				40
1-820-23-25	23	139.9	140.7	25
1-820-23-30				30
1-820-23-35				35
1-820-23-40				40
1-820-25-25	25	152.0	153	25
1-820-25-30				30
1-820-25-35				35
1-820-25-40				40



- Material: Reinforced PA, Mould
- Bore tolerance : $D^{-0.05}_{-0.1}$
- Apply for fixed shafts , easy to install

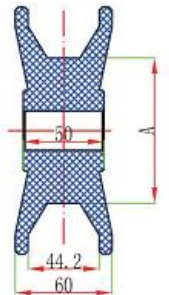
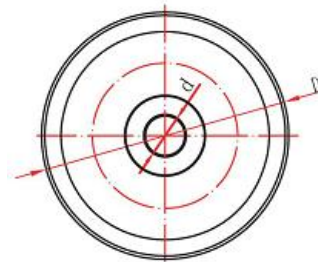
Code	Teeth No.	PD	OD	Bore/mm
3-820-19-25	19	115.7	117	25
3-820-19-30				30
3-820-19-35				35
3-820-21-25	21	127.8	129	25
3-820-21-30				30
3-820-21-35				35
3-820-23-25	23	139.9	140.7	25
3-820-23-30				30
3-820-23-35				35
3-820-23-40				40
3-820-25-25	25	152.0	153	25
3-820-25-30				30
3-820-25-35				35
3-820-25-40				40



20 Idlers

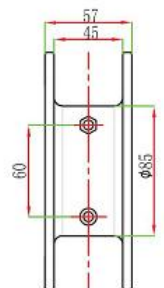
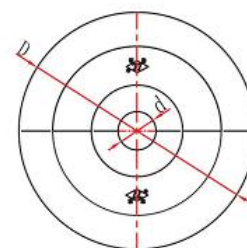
- Polyamide PA6, Machined, high precision, matching well
- Good strength, can be used in light load transport
- Meanwhile, suit for stainless steel chains 812
- Bore tolerance : $D^{+0.08}_{+0.02}$

Code	Teeth No.	PD	OD	Bore/mm
2-820-15-20	15	93	50	20
2-820-15-25				25
2-820-15-30				30
2-820-17-20	17	105	50	20
2-820-17-25				25
2-820-17-30				30
2-820-19-20	19	117	60	20
2-820-19-25				25
2-820-19-30				30
2-820-19-35				35
2-820-21-25	21	131	70	25
2-820-21-30				30
2-820-21-35				35
2-820-21-40				40
2-820-23-25	23	140.7	80	25
2-820-23-30				30
2-820-23-35				35
2-820-23-40				40
2-820-25-25	25	155	90	25
2-820-25-30				30
2-820-25-35				35
2-820-25-40				40



- Material: Reinforced PA, Plastic Injection Moulding
- Apply for normal work load transport
- Meanwhile, suitable for stainless steel chains 812
- Bore tolerance : $D^{+0.2}_{+0.1}$

Code	Teeth No	PD	OD	Bore/mm
4-820-19-25	19	117	60	25
4-820-19-30				30
4-820-19-35				35
4-820-21-25	21	131	85	25
4-820-21-30				30
4-820-21-35				35
4-820-23-25	23	140.7	85	25
4-820-23-30				30
4-820-23-35				35
4-820-25-25	25	155	85	25
4-820-25-30				30
4-820-25-35				35
4-820-25-40				40



820/812 Series idler with bearings

- Polyamide PA6, Machined, high precision, matching well
- Good strength, can be used in light load transport
- It can be used for 820/812 series idler with bearings
- The shape and thickness should be machined by Lilai standard
- D1 means bearing outer diameter, Tolerance from $-0.05 \sim 0$, D2 means bearing inner diameter, B means bearing thickness, Tolerance from $0 \sim +0.1$;



Model: Process method – Code – Teeth – D2 – Bearing No.

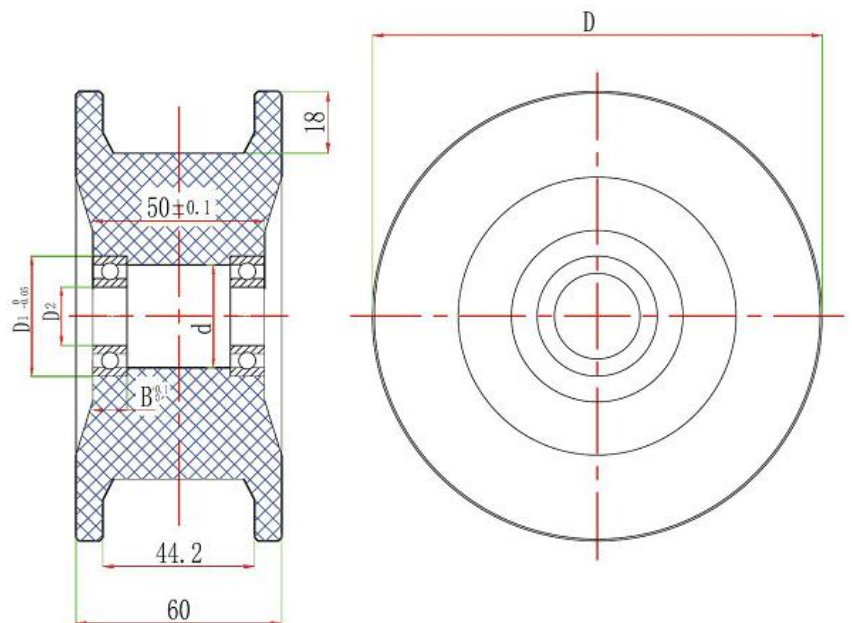
Example: 2 – 820/812 – 21 – 17 – 6003

Purchase No.: – – – –

Remarks: the bearing in the picture only for show, the sprocket did not include the bearing

① Standard bearing technical parameter

Bearing NO.	D1	D2	B	d
6003	35	17	10	30
6004	42	20	12	35
6005	47	25	12	40
6205	52	25	15	45
6006	55	30	13	45
6007	62	35	14	50



② Standard 820/812 idler parameter

Teeth	Outer diameter
15	93
17	105
19	117
21	131
23	140.7
25	155