

## ST120N Series - Cable Drag Chains

Self-supporting, standard Frame type: Hinge hook & frame pin type Inner width: 75 to 600 mm Bending radius: 180 to 500 mm

### Technical Data

Temperature Range	-30° C to +130° C
Chain Material	Glass fibre reinforced Polyamide, UL 94-HB
Noise	40 dB (DIN EN 61672-1)
Applications	Gantry Robot, Machine Center, Textile Machine, Welding Machine, Wood Work Machine and Fabric Machine
Speed	10m / sec
Vertical Installation Length	ST120N Curve above = max. 6 m Curve below = max. 120 m Side mounted, Unsupported = max. 3 m

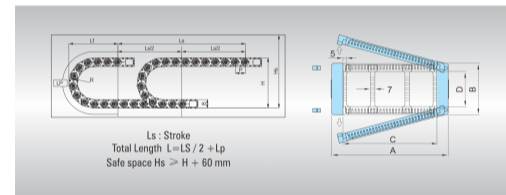
### Accessories

Image	Cat. no.	Description
	End Bracket for ST120, ST120N, ST120RS	These end brackets are available for ST120, ST120N, ST120RS series chain...

### Approvals



### Product Drawing



## Ordering Information

### Shift Chain - N Type (Both Side Open)

Cat. No.	Outer Width (mm) A	Outer Height (mm) B	Inner Width (mm) C	Inner Height (mm) D	Bending Radius	Loop Length(Lp)	Loof Projection(Lf)	Moving Height(H)	Standard Pack (Meter)
ST120N.075.R180	117	108	75	78	180	1046	474	468	1
ST120N.075.R200	117	108	75	78	200	1109	494	508	1
ST120N.075.R250	117	108	75	78	250	1266	544	608	1
ST120N.075.R300	117	108	75	78	300	1423	594	708	1
ST120N.075.R350	117	108	75	78	350	1580	644	808	1
ST120N.075.R400	117	108	75	78	400	1737	694	908	1
ST120N.075.R500	117	108	75	78	500	2051	794	1108	1
ST120N.100.R180	142	108	100	78	180	1046	474	468	1
ST120N.100.R200	142	108	100	78	200	1109	494	508	1
ST120N.100.R250	142	108	100	78	250	1266	544	608	1
ST120N.100.R300	142	108	100	78	300	1423	594	708	1
ST120N.100.R350	142	108	100	78	350	1580	644	808	1
ST120N.100.R400	142	108	100	78	400	1737	694	908	1
ST120N.100.R500	142	108	100	78	500	2051	794	1108	1
ST120N.125.R180	167	108	125	78	180	1046	474	468	1
ST120N.125.R200	167	108	125	78	200	1109	494	508	1
ST120N.125.R250	167	108	125	78	250	1266	544	608	1
ST120N.125.R300	167	108	125	78	300	1423	594	708	1
ST120N.125.R350	167	108	125	78	350	1580	644	808	1
ST120N.125.R400	167	108	125	78	400	1737	694	908	1
ST120N.125.R500	167	108	125	78	500	2051	794	1108	1
ST120N.150.R180	192	108	150	78	180	1046	474	468	1
ST120N.150.R200	192	108	150	78	200	1109	494	508	1

**Shift Chain - N Type (Both Side Open)**

Cat. No.	Outer Width (mm) A	Outer Height (mm) B	Inner Width (mm) C	Inner Height (mm) D	Bending Radius	Loop Length(Lp)	Loof Projection(Lf)	Moving Height(H)	Standard Pack (Meter)
ST120N.150.R250	192	108	150	78	250	1266	544	608	1
ST120N.150.R300	192	108	150	78	300	1423	594	708	1
ST120N.150.R350	192	108	150	78	350	1580	644	808	1
ST120N.150.R400	192	108	150	78	400	1737	694	908	1
ST120N.150.R500	192	108	150	78	500	2051	794	1108	1
ST120N.175.R180	217	108	175	78	180	1046	474	468	1
ST120N.175.R200	217	108	175	78	200	1109	494	508	1
ST120N.175.R250	217	108	175	78	250	1266	544	608	1
ST120N.175.R300	217	108	175	78	300	1423	594	708	1
ST120N.175.R350	217	108	175	78	350	1580	644	808	1
ST120N.175.R400	217	108	175	78	400	1737	694	908	1
ST120N.175.R500	217	108	175	78	500	2051	794	1108	1
ST120N.200.R180	242	108	200	78	180	1046	474	468	1
ST120N.200.R200	242	108	200	78	200	1109	494	508	1
ST120N.200.R250	242	108	200	78	250	1266	544	608	1
ST120N.200.R300	242	108	200	78	300	1423	594	708	1
ST120N.200.R350	242	108	200	78	350	1580	644	808	1
ST120N.200.R400	242	108	200	78	400	1737	694	908	1
ST120N.200.R500	242	108	200	78	500	2051	794	1108	1
ST120N.250.R180	292	108	250	78	180	1046	474	468	1
ST120N.250.R200	292	108	250	78	200	1109	494	508	1
ST120N.250.R250	292	108	250	78	250	1266	544	608	1
ST120N.250.R300	292	108	250	78	300	1423	594	708	1
ST120N.250.R350	292	108	250	78	350	1580	644	808	1
ST120N.250.R400	292	108	250	78	400	1737	694	908	1
ST120N.250.R500	292	108	250	78	500	2051	794	1108	1
ST120N.300.R180	342	108	300	78	180	1046	474	468	1
ST120N.300.R200	342	108	300	78	200	1109	494	508	1
ST120N.300.R250	342	108	300	78	250	1266	544	608	1
ST120N.300.R300	342	108	300	78	300	1423	594	708	1
ST120N.300.R350	342	108	300	78	350	1580	644	808	1
ST120N.300.R400	342	108	300	78	400	1737	694	908	1
ST120N.300.R500	342	108	300	78	500	2051	794	1108	1
ST120N.350.R180	392	108	350	78	180	1046	474	468	1
ST120N.350.R200	392	108	350	78	200	1109	494	508	1
ST120N.350.R250	392	108	350	78	250	1266	544	608	1
ST120N.350.R300	392	108	350	78	300	1423	594	708	1
ST120N.350.R350	392	108	350	78	350	1580	644	808	1
ST120N.350.R400	392	108	350	78	400	1737	694	908	1
ST120N.350.R500	392	108	350	78	500	2051	794	1108	1
ST120N.400.R180	442	108	400	78	180	1046	474	468	1
ST120N.400.R200	442	108	400	78	200	1109	494	508	1
ST120N.400.R250	442	108	400	78	250	1266	544	608	1
ST120N.400.R300	442	108	400	78	300	1423	594	708	1
ST120N.400.R350	442	108	400	78	350	1580	644	808	1
ST120N.400.R400	442	108	400	78	400	1737	694	908	1
ST120N.400.R500	442	108	400	78	500	2051	794	1108	1
ST120N.450.R180	492	108	450	78	180	1046	474	468	1
ST120N.450.R200	492	108	450	78	200	1109	494	508	1
ST120N.450.R250	492	108	450	78	250	1266	544	608	1
ST120N.450.R300	492	108	450	78	300	1423	594	708	1
ST120N.450.R350	492	108	450	78	350	1580	644	808	1
ST120N.450.R400	492	108	450	78	400	1737	694	908	1
ST120N.450.R500	492	108	450	78	500	2051	794	1108	1
ST120N.500.R180	542	108	500	78	180	1046	474	468	1
ST120N.500.R200	542	108	500	78	200	1109	494	508	1
ST120N.500.R250	542	108	500	78	250	1266	544	608	1
ST120N.500.R300	542	108	500	78	300	1423	594	708	1
ST120N.500.R350	542	108	500	78	350	1580	644	808	1
ST120N.500.R400	542	108	500	78	400	1737	694	908	1
ST120N.500.R500	542	108	500	78	500	2051	794	1108	1
ST120N.550.R180	592	108	550	78	180	1046	474	468	1
ST120N.550.R200	592	108	550	78	200	1109	494	508	1
ST120N.550.R250	592	108	550	78	250	1266	544	608	1
ST120N.550.R300	592	108	550	78	300	1423	594	708	1

**Shift Chain - N Type (Both Side Open)**

Cat. No.	Outer Width (mm) A	Outer Height (mm) B	Inner Width (mm) C	Inner Height (mm) D	Bending Radius	Loop Length(Lp)	Loof Projection(Lf)	Moving Height(H)	Standard Pack (Meter)
ST120N.550.R350	592	108	550	78	350	1580	644	808	1
ST120N.550.R400	592	108	550	78	400	1737	694	908	1
ST120N.550.R500	592	108	550	78	500	2051	794	1108	1
ST120N.600.R180	642	108	600	78	180	1046	474	468	1
ST120N.600.R200	642	108	600	78	200	1109	494	508	1
ST120N.600.R250	642	108	600	78	250	1266	544	608	1
ST120N.600.R300	642	108	600	78	300	1423	594	708	1
ST120N.600.R350	642	108	600	78	350	1580	644	808	1
ST120N.600.R400	642	108	600	78	400	1737	694	908	1
ST120N.600.R500	642	108	600	78	500	2051	794	1108	1