



## ST120RS Series - Cable Drag Chains

Self-supporting load, roller skid type 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 having long stroke length
Speed	10m / sec
Vertical Installation Length	ST120RS Curve above = max. 6 m Curve below = max. 100 m Side mounted, Unsupported = max. 2.5 m
Coefficient of Friction	0.02 - 0.07 ?

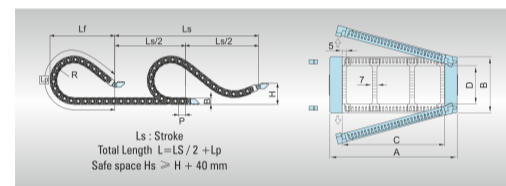
### Accessories

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

### Approvals



### Product Drawing



## Ordering Information

### Shift Chain - RS Type (Sliding With Roller Skid)

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)
ST120RS.075.R180	143	112	75	78	180	1441	654	300	1
ST120RS.075.R200	143	112	75	78	200	1559	694	300	1
ST120RS.075.R250	143	112	75	78	250	1864	794	300	1
ST120RS.075.R300	143	112	75	78	300	2178	894	300	1
ST120RS.075.R350	143	112	75	78	350	2701	1114	300	1
ST120RS.075.R400	143	112	75	78	400	3225	1334	300	1
ST120RS.075.R500	143	112	75	78	500	4062	1654	300	1
ST120RS.100.R180	168	112	100	78	180	1441	654	300	1
ST120RS.100.R200	168	112	100	78	200	1559	694	300	1
ST120RS.100.R250	168	112	100	78	250	1864	794	300	1
ST120RS.100.R300	168	112	100	78	300	2178	894	300	1
ST120RS.100.R350	168	112	100	78	350	2701	1114	300	1
ST120RS.100.R400	168	112	100	78	400	3225	1334	300	1
ST120RS.100.R500	168	112	100	78	500	4062	1654	300	1
ST120RS.125.R180	193	112	125	78	180	1441	654	300	1
ST120RS.125.R200	193	112	125	78	200	1559	694	300	1
ST120RS.125.R250	193	112	125	78	250	1864	794	300	1
ST120RS.125.R300	193	112	125	78	300	2178	894	300	1
ST120RS.125.R350	193	112	125	78	350	2701	1114	300	1
ST120RS.125.R400	193	112	125	78	400	3225	1334	300	1
ST120RS.125.R500	193	112	125	78	500	4062	1654	300	1
ST120RS.150.R180	218	112	150	78	180	1441	654	300	1
ST120RS.150.R200	218	112	150	78	200	1559	694	300	1
ST120RS.150.R250	218	112	150	78	250	1864	794	300	1

**Shift Chain - RS Type (Sliding With Roller Skid)**

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ST120RS.150.R300	218	112	150	78	300	2178	894	300	1
ST120RS.150.R350	218	112	150	78	350	2701	1114	300	1
ST120RS.150.R400	218	112	150	78	400	3225	1334	300	1
ST120RS.150.R500	218	112	150	78	500	4062	1654	300	1
ST120RS.175.R180	243	112	175	78	180	1441	654	300	1
ST120RS.175.R200	243	112	175	78	200	1559	694	300	1
ST120RS.175.R250	243	112	175	78	250	1864	794	300	1
ST120RS.175.R300	243	112	175	78	300	2178	894	300	1
ST120RS.175.R350	243	112	175	78	350	2701	1114	300	1
ST120RS.175.R400	243	112	175	78	400	3225	1334	300	1
ST120RS.175.R500	243	112	175	78	500	4062	1654	300	1
ST120RS.200.R180	268	112	200	78	180	1441	654	300	1
ST120RS.200.R200	268	112	200	78	200	1559	694	300	1
ST120RS.200.R250	268	112	200	78	250	1864	794	300	1
ST120RS.200.R300	268	112	200	78	300	2178	894	300	1
ST120RS.200.R350	268	112	200	78	350	2701	1114	300	1
ST120RS.200.R400	268	112	200	78	400	3225	1334	300	1
ST120RS.200.R500	268	112	200	78	500	4062	1654	300	1
ST120RS.250.R180	318	112	250	78	180	1441	654	300	1
ST120RS.250.R200	318	112	250	78	200	1559	694	300	1
ST120RS.250.R250	318	112	250	78	250	1864	794	300	1
ST120RS.250.R300	318	112	250	78	300	2178	894	300	1
ST120RS.250.R350	318	112	250	78	350	2701	1114	300	1
ST120RS.250.R400	318	112	250	78	400	3225	1334	300	1
ST120RS.250.R500	318	112	250	78	500	4062	1654	300	1
ST120RS.300.R180	368	112	300	78	180	1441	654	300	1
ST120RS.300.R200	368	112	300	78	200	1559	694	300	1
ST120RS.300.R250	368	112	300	78	250	1864	794	300	1
ST120RS.300.R300	368	112	300	78	300	2178	894	300	1
ST120RS.300.R350	368	112	300	78	350	2701	1114	300	1
ST120RS.300.R400	368	112	300	78	400	3225	1334	300	1
ST120RS.300.R500	368	112	300	78	500	4062	1654	300	1
ST120RS.350.R180	418	112	350	78	180	1441	654	300	1
ST120RS.350.R200	418	112	350	78	200	1559	694	300	1
ST120RS.350.R250	418	112	350	78	250	1864	794	300	1
ST120RS.350.R300	418	112	350	78	300	2178	894	300	1
ST120RS.350.R350	418	112	350	78	350	2701	1114	300	1
ST120RS.350.R400	418	112	350	78	400	3225	1334	300	1
ST120RS.350.R500	418	112	350	78	500	4062	1654	300	1
ST120RS.400.R180	468	112	400	78	180	1441	654	300	1
ST120RS.400.R200	468	112	400	78	200	1559	694	300	1
ST120RS.400.R250	468	112	400	78	250	1864	794	300	1
ST120RS.400.R300	468	112	400	78	300	2178	894	300	1
ST120RS.400.R350	468	112	400	78	350	2701	1114	300	1
ST120RS.400.R400	468	112	400	78	400	3225	1334	300	1
ST120RS.400.R500	468	112	400	78	500	4062	1654	300	1
ST120RS.450.R180	518	112	450	78	180	1441	654	300	1
ST120RS.450.R200	518	112	450	78	200	1559	694	300	1
ST120RS.450.R250	518	112	450	78	250	1864	794	300	1
ST120RS.450.R300	518	112	450	78	300	2178	894	300	1
ST120RS.450.R350	518	112	450	78	350	2701	1114	300	1
ST120RS.450.R400	518	112	450	78	400	3225	1334	300	1
ST120RS.450.R500	518	112	450	78	500	4062	1654	300	1
ST120RS.500.R180	568	112	500	78	180	1441	654	300	1
ST120RS.500.R200	568	112	500	78	200	1559	694	300	1
ST120RS.500.R250	568	112	500	78	250	1864	794	300	1
ST120RS.500.R300	568	112	500	78	300	2178	894	300	1
ST120RS.500.R350	568	112	500	78	350	2701	1114	300	1
ST120RS.500.R400	568	112	500	78	400	3225	1334	300	1
ST120RS.500.R500	568	112	500	78	500	4062	1654	300	1
ST120RS.550.R180	618	112	550	78	180	1441	654	300	1
ST120RS.550.R200	618	112	550	78	200	1559	694	300	1
ST120RS.550.R250	618	112	550	78	250	1864	794	300	1
ST120RS.550.R300	618	112	550	78	300	2178	894	300	1
ST120RS.550.R350	618	112	550	78	350	2701	1114	300	1

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ST120RS.550.R400	618	112	550	78	400	3225	1334	300	1
ST120RS.550.R500	618	112	550	78	500	4062	1654	300	1
ST120RS.600.R180	668	112	600	78	180	1441	654	300	1
ST120RS.600.R200	668	112	600	78	200	1559	694	300	1
ST120RS.600.R250	668	112	600	78	250	1864	794	300	1
ST120RS.600.R300	668	112	600	78	300	2178	894	300	1
ST120RS.600.R350	668	112	600	78	350	2701	1114	300	1
ST120RS.600.R400	668	112	600	78	400	3225	1334	300	1
ST120RS.600.R500	668	112	600	78	500	4062	1654	300	1