



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	ST120ERS Curve above = max. 6 m Curve below = max. 100 m Side mounted, Unsupported = max. 2.5 m
Coefficient of Friction	0.02 - 0.07 ?

Ordering Information

Shift Chain - ERS Type (Enclosed 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)
ST120ERS.150.R200	218	112	150	76	200	1559	694	300	1
ST120ERS.150.R250	218	112	150	76	250	1864	794	300	1
ST120ERS.150.R300	218	112	150	76	300	2178	894	300	1
ST120ERS.150.R350	218	112	150	76	350	2701	1114	300	1
ST120ERS.150.R400	218	112	150	76	400	3225	1334	300	1
ST120ERS.150.R500	218	112	150	76	500	4062	1654	300	1
ST120ERS.175.R200	243	112	175	76	200	1559	694	300	1
ST120ERS.175.R250	243	112	175	76	250	1864	794	300	1
ST120ERS.175.R300	243	112	175	76	300	2178	894	300	1
ST120ERS.175.R350	243	112	175	76	350	2701	1114	300	1
ST120ERS.175.R400	243	112	175	76	400	3225	1334	300	1
ST120ERS.175.R500	243	112	175	76	500	4062	1654	300	1
ST120ERS.200.R200	268	112	200	76	200	1559	694	300	1
ST120ERS.200.R250	268	112	200	76	250	1864	794	300	1
ST120ERS.200.R300	268	112	200	76	300	2178	894	300	1
ST120ERS.200.R350	268	112	200	76	350	2701	1114	300	1
ST120ERS.200.R400	268	112	200	76	400	3225	1334	300	1
ST120ERS.200.R500	268	112	200	76	500	4062	1654	300	1
ST120ERS.250.R200	318	112	250	76	200	1559	694	300	1
ST120ERS.250.R250	318	112	250	76	250	1864	794	300	1
ST120ERS.250.R300	318	112	250	76	300	2178	894	300	1
ST120ERS.250.R350	318	112	250	76	350	2701	1114	300	1
ST120ERS.250.R400	318	112	250	76	400	3225	1334	300	1
ST120ERS.250.R500	318	112	250	76	500	4062	1654	300	1
ST120ERS.300.R200	368	112	300	76	200	1559	694	300	1

ST120ERS Series - Cable Drag Chains

Self-supporting load, hermetic roller skid type Frame type: Hinge hook & frame pin type Inner width: 150 to 300mm Bending radius: 200 to 500mm

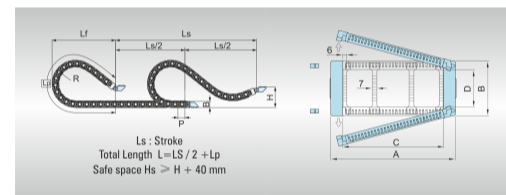
Accessories

Image	Cat. no.	Description
	End Bracket for ST120E, ST120ERS	These end brackets are available for ST120E, ST120ERS series chain...

Approvals



Product Drawing



Shift Chain - ERS Type (Enclosed 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)
ST120ERS.300.R250	368	112	300	76	250	1864	794	300	1
ST120ERS.300.R300	368	112	300	76	300	2178	894	300	1
ST120ERS.300.R350	368	112	300	76	350	2701	1114	300	1
ST120ERS.300.R400	368	112	300	76	400	3225	1334	300	1
ST120ERS.300.R500	368	112	300	76	500	4062	1654	300	1