

SERVICE
MACHINE TOOL SERVICE
LIGHT LIFTING
INDUSTRIAL CRANES
PROCESS CRANES
PORT CRANES
LIFT TRUCKS
YARD IT

KONECRANES[®]
Lifting Businesses[™]

Technical information

STEPLESS SPEED CHAIN HOISTS

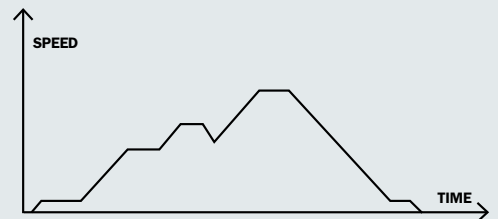
sXN5 AND sXN10



Benefits of stepless speed control

Speed control of load plays an important role in enhancing material handling safety and efficiency. For improved hoisting control Konecranes offers a range of chain hoists with a fully integrated inverter unit.

Stepless control technology offers smooth starts, fast acceleration and soft stops for optimized load handling. A very low creeping speed combined with a high top speed generates savings in working cycle, duration, leading to increased productivity!



Standard features:

- > Safe working load up to 2000kg
- > The hoist body is constructed from pressure casted aluminium for weight reduction
- > Efficient heat dissipation is achieved via its ribbed design and special cooling shape on electric cubicle (sXN10)
- > Safety device: a friction type torque limiter protects the hoist against overloads
- > Hours in service counter via the inverter unit (sXN10)
- > Upper and lower hoisting limit switches (sXN10)
- > Adjustable upper/lower hoisting limit switches (sXN5)
- > Electromagnetic disc brake which contribute to high efficiency and easy maintenance of the hoist
- > Motor thermal protection as standard
- > Long lifetime chain container
- > IP55 protection
- > Safety catch equipped, fitted to a high-grade steel lifting hook (DIN standard)

HOIST TYPE	LOAD [kg]	CHAIN FALLS	SPEED [m/min]	DUTY CLASS		MAX HOL
				FEM	ISO	
sXN05 258 V2	250	1	0.8..8	2m	M5	30
sXN05 2516 V1	250	1	1.6..16	1Bm	M3	30
sXN05 508 V1	500	1	0.8..8	1Bm	M3	30
sXN10 508 V2	500	1	0.5..8	2m	M5	50
sXN10 5016 V2	500	1	1..16	2m	M5	30
sXN05 1004 V1	1000	2	0.4..4	1Bm	M3	30
sXN10 1008 V1	1000	1	0.5..8	1Bm	M3	30
sXN10 1604 V1	1600	2	0.25..4	1Bm	M3	30
sXN10 2004 V1	2000	2	0.25..4	1Bm	M3	15

XN5					XN10						
HOIST	CHAIN FALLS	H1 [mm]	C [mm]	B1 [mm]	BC [mm] for different chain bag capacities				Øa1 [mm]	a2 [mm]	WEIGHT [kg]
					<8m	<16m	<30m	<50m			
sXN5	1	179	403	91	455	515	580	580	30	20	27
sXN5	2	231	455	112	455	515	580	580	36	26	30
sXN10	1	224	509	116	575	640	640	760	36	24	58
sXN10	2	258	570	145	575	640	640	760	43	31	63

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