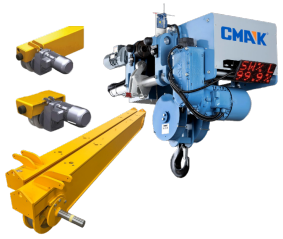
DATASHEET

NXS25KIT

Single Girder Crane Kit

October 1, 2026



System Component	Specification
General	
Capacity	5,000 kg
Lift Height	10.0 m
Span	Between 3 and 21 m (bridge not included)
Single Girder Hoist	
Code	ML.NXS25HIS.041.B
Hoist Type	NXS
Trolley Type	ML
Drum	S
Falls	4/1
Capacity	5,000 kg
Duty (ISO)	ISO M5 - FEM 2m
Lift Height	10.0 m
Hoisting Speed	1.2 . . . 4.8 . . . 8.0 m/min (UltraSpeed: Q $\leq$ 25%)
Cross Travel Speed	4.8 . . . 19.2 . . . 24.0 m/min (UltraSpeed: Q $\leq$ 25%)
Control Voltage	48 V
Wire Rope	Ø8 mm 2160 N/mm^2 8 $\times$ 17 Galvanized Compact IWRC Left Lay
Drum Diameter	Ø352 mm
Drum Material	E355 / 1.0580
Hook	NR2.5 S DIN15401
Overload Limiter	HoistSense® Strain Gauge System

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System Component	Specification
HoistSense® Large Load Display	Present
End Truck Carriage	NXS25 ML Compact Ø150
Hoisting Group	NXS25
Hoisting Motor Power	4.84 kW
Hoisting Control Type	Inverter
Hoisting Brake	CBF05 - 80 Nm
Hoisting Motor Type	4 Pole, Squirrel Cage AC Induction Motor - IP55 - H
Hoisting Gearbox	Hardened, Honed High Precision Helical Gears - 65 HRC
Hoisting Brake	Spring actuated, Electro-magnetic disc
Trolley Motor Power	2.0 × 0.45 kW
Trolley Drive Gearbox	CF12
Trolley Brake	K2-AS4 - 12 Nm
Trolley Motor Type	4 Pole, Squirrel Cage AC Induction Motor - IP55 - F
Trolley Gearbox Type	Hardened, Honed High Precision Helical Gears - 65 HRC
Trolley Brake Type	Spring actuated, Electro-magnetic disc
Trolley Drive Control	Inverter
Hook Movement Limiter	4 Step Limit (slowdown → stop, top & bottom limits)
Electrical Assembly	Fully marked wires, sockets and plugs
Rope Guide	High-performance polymer rope guide
Approximate Weight	700.0 kg
Hoisting Safe Guards	PTC, Thermal Switches, Special Crane Macros
Bearings	SKF / FAG / NACHI / NSK
Hoist Towing Trolley	Present
Color	RAL 5007

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System Component	Specification
End Truck Carriage	
Code	M.3000.W160.15.25.8.3
Wheel Type	160
Wheel Base	3000 mm
Total Length	3350 mm
ETC Connection Type	Top Connection Only
Wheel Quantity	4 Wheels
Construction Classification	A4
Drive Method	Direct Drive
Bearings	SKF / FAG / NACHI / NSK
Long Travel System	
Duty (ISO)	ISO M5 - FEM 2m
Long Travel Drives	2.0 × 0.45 kW CD 12-33.0
Long Travel Control	0.91 kW Inverter
Rail Width	50 mm
Long Travel Speed	5.0 . . . 19.9 m/min
Electrical Assembly	Fully marked wires, sockets and plugs
Cable Festoon System	
System Length	21.0 m
Control Type	Single Hoist Mobile Control (Double Line)
Cable Trolley Type	C Profile
Kit Accessories & Safety Equipment	
Long Travel Limit Switch	4-Level (slowdown/stop - slowdown/stop)
Cross Travel Limit Switch	4-Level (slowdown/stop - slowdown/stop)
Pendant Control	6+1 Pushbutton Pendant with 10.0 m Cable

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System Component	Specification
Warning Devices	Bridge Warning Siren / Lighting