



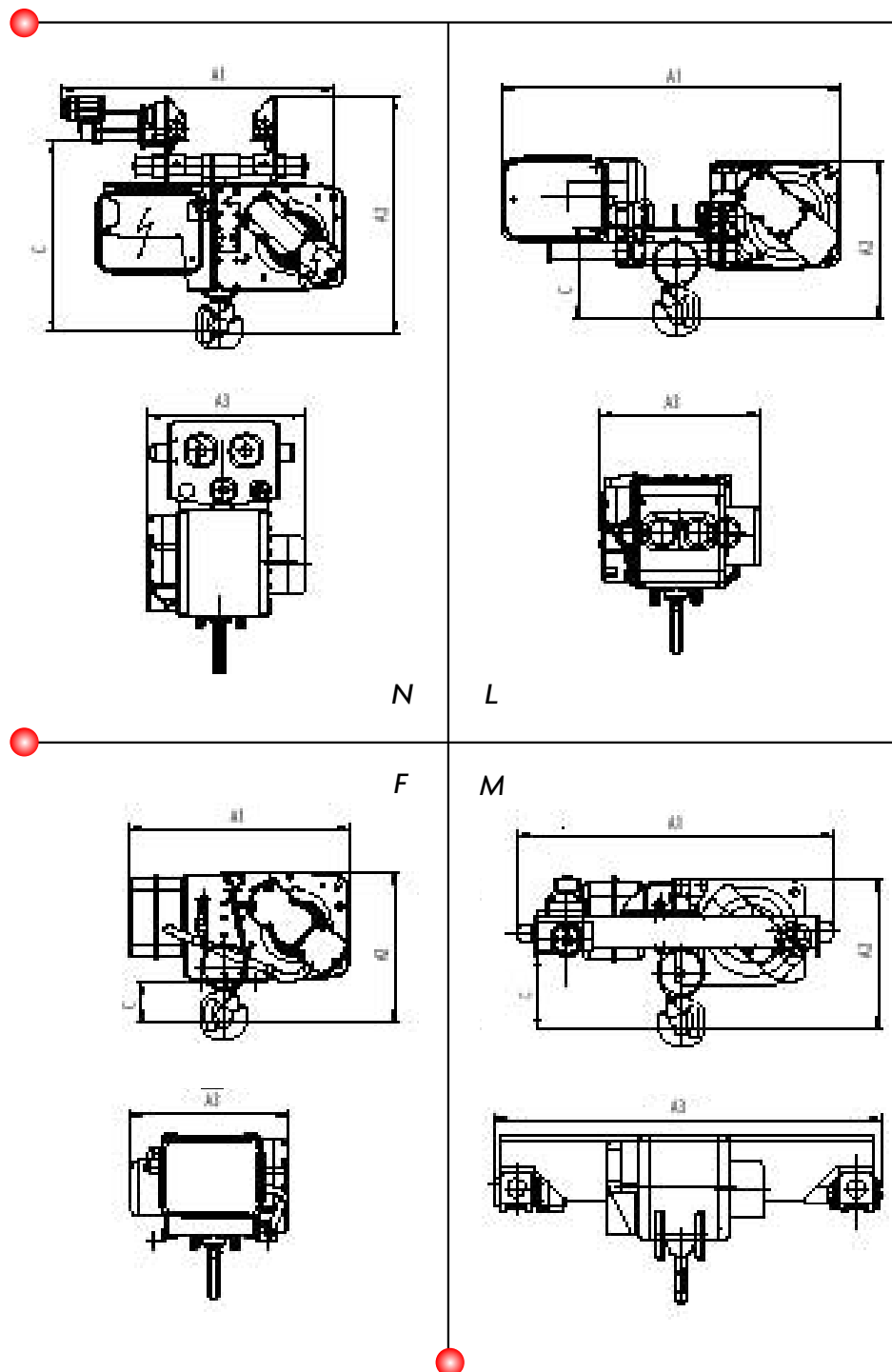
# NOVA

## Electric wire rope hoists

Electric wire rope hoists for loads from 1,000 to 10,000 kg

### Standard Features:

- 2-speed hoisting (1:6)
- 60% ED for hoisting motor
- FEM 2m or more
- Thermal protection for hoisting motors
- 4-step gear limit switch
- Overload protection
- Inverter control for travelling for all single and double girder trolleys
- IP55 protection for all motors and electric panels
- Motor insulation class F
- Safety drop stops for monorail trolleys
- Hook with safety catch





Type NB max. 3,200 kg

Version	Reeving	Dimension Sheets (mm)			
		A1	A2	A3	C
F	2/1	778	580	498	190
F	4/1	778	530	498	140
L	2/1	1,200*	625*	498	375*
L	4/1	1,200*	575*	498	325*
N	2/1	892*	886	498	735
N	4/1	892*	836	498	685
M	2/1	1,111	585	1,378**	320
M	4/1	1,111	549	1,378**	270

\* Beam width 200 mm

\*\* Crab gauge 1,200 mm

Type NC max. 5,000 kg

Version	Reeving	Dimension Sheets (mm)			
		A1	A2	A3	C
F	2/1	920	600	600	175
F	4/1	920	600	600	160
L	2/1	1,394*	695*	693	465*
L	4/1	1,394*	600*	693	370*
N	2/1	1,118*	936	598	175
N	4/1	1,118*	921	598	160
M	2/1	1,261	641	1,578**	340
M	4/1	1,261	626	1,578**	325

\* Beam width 300 mm

\*\* Crab gauge 1,400 mm

Type ND max. 10,000 kg

Version	Reeving	Dimension Sheets (mm)			
		A1	A2	A3	C
F	2/1	1,140	805	880	330
F	4/1	1,140	805	880	275
L	2/1	1,574*	802*	1,058	540*
L	4/1	1,574*	757*	1,058	495*
N	2/1	1,254*	1,178	950	330
N	4/1	1,254*	1,123	950	275
M	2/1	1,326	860	1,855**	435
M	4/1	1,326	805	1,855**	380

\* Beam width 300 mm

\*\* Crab gauge 1,400 mm

### Optional features

- “LoadMaster”
- “HoistMaster”
- “RadioMaster”
- Lockable hook
- Second brake
- Non standard crab gauge
- Non standard flange width
- Hook operated upper limit switch
- Limit switch for trolley travelling
- ... and much more



# Type FD, FE, FF, FG

## Electric wire rope hoists

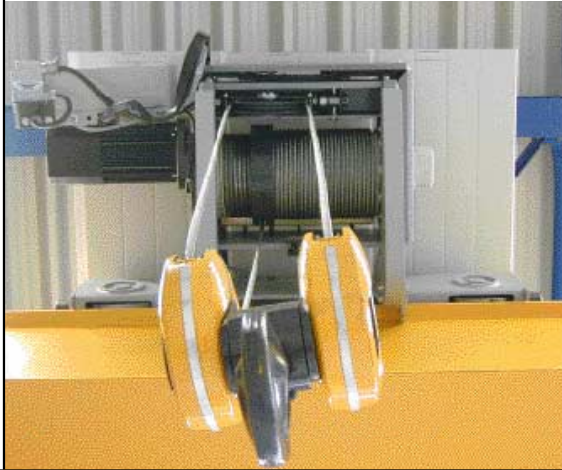
Electric wire rope hoists for loads from 3,200 to 80,000 kg

*If you want maximum hook travel and the best use of the possible lifting height, then a double girder trolley is the answer to your needs:*

- *Electromechanical overload protection*
- *2 speed hoisting (1:6) and travelling (1:4) motors*
- *4-step gear limit switch*
- *Less wearing rope guide made from cast iron GGG70*
- *According to all valid European safety standards*
- *The extremely short headroom of our electric wire rope hoist allows adequate hook height in even the tightest conditions*



*Crab trolley  
true vertical lift*



### HoistMaster

(option)

If you need high precision in hoisting, all SWF F type hoists can be equipped with our frequency inverter system "HoistMaster".



### LoadMaster

(option)

Not only protects the wire rope hoist from overload, but also registers important data at the same time:

- Safe working period
- Operating hours
- Number of starts
- Number of overloads
- Monitors motor over-heats
- Controls wear of the brake

All information can be read directly from this device.



# Type FD, FE, FF, FG

## Electric wire rope hoists

Electric wire rope hoists for loads from 3,200 to 80,000 kg

- *SWF type F double girder trolleys are the ideal hoists for double girder E.O.T. cranes. Standard series with loads up to 80,000 kg.*
- *According to your requirements, you can choose single rope hoist or twin hoists. Equipped with low maintenance direct travel drives.*
- *The wheels are made of GGG70 cast iron and run on lifetime lubricated roller bearings. Noise is reduced to a minimum.*

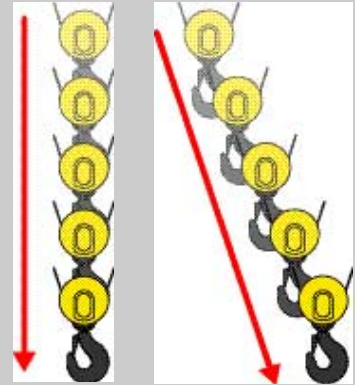


Crab trolley  
true vertical lift



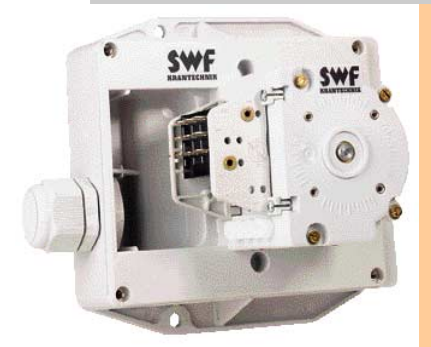
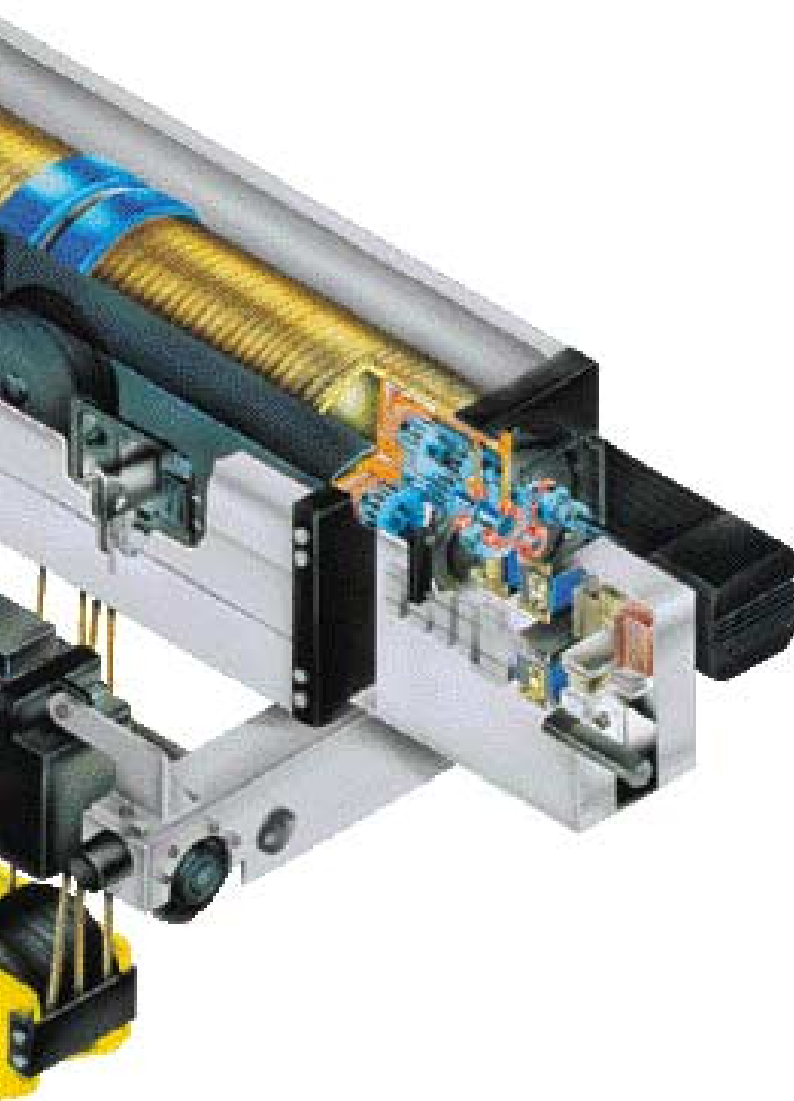
### Hook Travel

The F type is available in conventional and true vertical lift reeving.



True vertical lift

Conventional design



### Gear limit switch

This limit switch is driven directly from the drum.  
 Functions: operational limit switch for upper and lower hook position and also upper and lower emergency stop. All four positions can be set independently.



# Type FD, FE, FF, FG

## Electric wire rope hoists

Electric wire rope hoists for loads from 3,200 to 80,000 kg

*In order to satisfy your specific requirements, we can provide special hoisting units:*

- *Special reeving*
- *Special trolley*

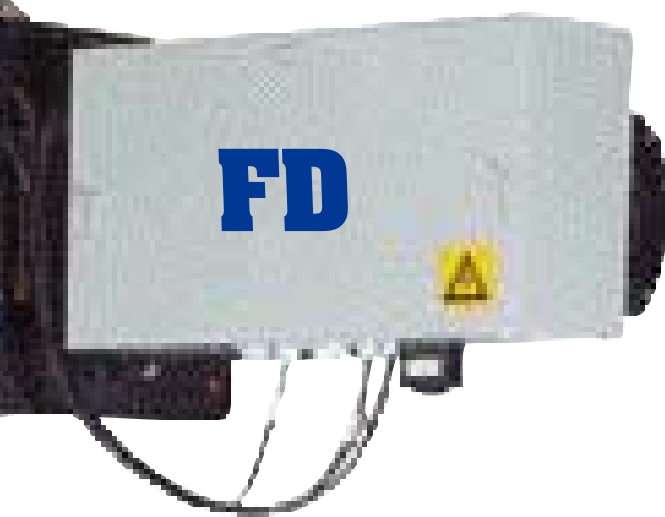
*A range of mechanism hoists have been developed for particular uses. The Type F machinery hoist version has been developed for special applications.*

*General characteristics:*

- *It is possible to have ropes exiting from all 360°*
- *It is possible to have up to 4 ropes on the drum*



*Foot mounted version*



## Standard features

- 2-speed hoisting (1:6)
- Thermal protection for hoisting motors
- 4-step gear limit switch
- Overload protection
- IP55 protection
- Motor insulation class F
- Hook with safety catch

## Options

- "LoadMaster"
- "HoistMaster"
- "TravelMaster"
- "RadioMaster"
- Lockable hook
- Drum brake
- Non standard crab gauge
- Non standard flange width
- Operational limit switch
- Limit switch for trolley travelling
- ... and more



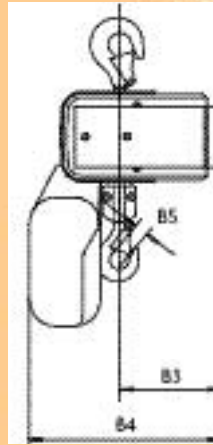
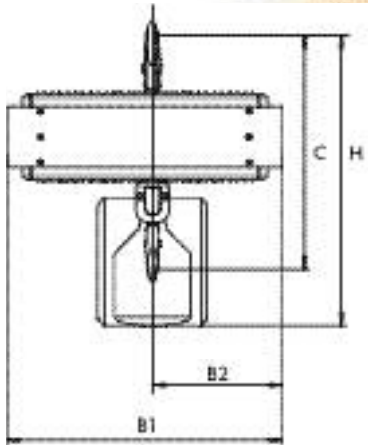
# Type SK

## Electric chain hoists SK

Range of electric chain hoists for loads from 60 to 5,000 kg



*Fixed with hook suspension, with push trolley, with electric trolley in standard or short headroom, with articulated trolley or as HandyMaster. Here a short selection of our wide range.*



Type	B1 (mm)	B2 (mm)	B3 1 fall (mm)	B3 2 falls (mm)	B4 (mm)	B5 1 fall (mm)	B5 2 falls (mm)	C 1 fall (mm)	C 2 falls (mm)	H (mm)
SK $\alpha$	278	120	68	83	235	24	24	310	334	312
SKA	422	199	91	112	300	18	22	366	416	455
SKB	422	199	91	112	300	18	22	366	416	455
SKC	504	260	116	145	405	22	35	448	509	575
SKD	518	313	147	196	469	37	43	558	658	774
SKE	518	313	147	196	469	43	47	589	698	774
SKF	518	313	147	196	469	43	47	589	698	774

Type	Load (kg)	Chain (mm)	FEM	Hoisting speed (m/min.)	Number of falls	Lifting motor (kW)
1 SK $\alpha$ 80.12	125	3 x 9	1Bm	8/2	1	0,2/0,05
1 SKA 82.12	125	4,8 x 12,7	2m	8/2	1	0,8/0,2
2 SK $\alpha$ 80.22	250	3 x 9	1Bm	4/1	2	0,2/0,05
2 SKA 80.12	250	4,8 x 12,7	1Bm	8/2	1	0,8/0,2
5 SKA 80.22	500	4,8 x 12,7	1Bm	4/1	2	0,8/0,2
5 SKC 160.12	500	6,8 x 17,8	1Bm	16/4	1	1,7/0,4
5 SKB 82.22	500	4,8 x 12,7	2m	4/1	2	0,8/0,2
10 SKB 80.22	1.000	4,8 x 12,7	1Bm	4/1	2	0,8/0,2
10 SKC 80.12	1.000	6,8 x 17,8	1Bm	8/2	1	1,7/0,4
16 SKC 80.22	1.600	6,8 x 17,8	1Bm	4/1	2	1,7/0,4
20 SKC 80.22	2.000	6,8 x 17,8	1Bm	4/1	2	1,7/0,4
20 SKD 82.22	2.000	9 x 27	2m	4/1	2	3,5/0,9
25 SKD 80.22	2.500	9 x 27	1Bm	4/1	2	3,5/0,9
25 SKE 82.22	2.500	11,3 x 31	2m	4/1	2	3,5/0,9
32 SKF 62.22	3.200	11,3 x 31	2m	3,2/0,75	2	3,5/0,9
32 SKD 80.22	3.200	9 x 27	1Bm	4/1	2	3,5/0,9
40 SKE 80.22	4.000	11,3 x 31	1Bm	4/1	2	3,5/0,9
50 SKF 60.22	5.000	11,3 x 31	1Bm	3,2/0,75	2	3,5/0,9

For all dimensions please ask for our detailed drawing.



### RadioMaster

(option)

The classic suspended pendant for our SWF hoist can be replaced by a complete remote control.

### Standard equipment

The Chain Hoists are delivered fully assembled and are ready for immediate use.

- 2 year guarantee
- 2-speed lifting
- Disk brake and overload clutch with high lifetime and easy adjustability
- Lifting motor with high efficiency, 40% ED
- High performance galvanized chain and chain collector
- Available in FEM 1Bm and FEM 2m
- High safety due to standard contactor control (48V)
- Easy to operate pendant with large push buttons and emergency ON/OFF
- Protection IP55
- Light and very compact aluminium casing
- Double layer of epoxy powder coat
- Motor trolley with 2 or with stepless speed