THE
WORLD
OF
 PROLYFT

NERO

The Prolyft Nero sets a new standard for hoists in the events industry. Designed with useful and well-thought-out features. Completely black to be invisible on stage.

The Prolyft Nero Direct Control is unique in the industry. Prolyft stands out for having the outside limit switch standardly on a DC hoist, different from the rest of the available hoists in the market. We are convinced that this should be a standard on a hoist. It protects the clutch from burning and if the hook runs against the housing, the chain is not exposed to excessive stretching.

The Prolyft Nero Low Voltage also comes equipped with a standard outside limit switch instead of the internal limit switch; making it easier to adjust the limits.

" Prolyft stands out for having the outside limit switch standardly on a DC hoist. "

All hoists leaving the factory are recorded in the unique Prolyft database with the RFID-tag. This database is also accessible by the owner to always have insight into the certificates and history of the hoist. By having the hoist certified every year by a Prolyft approved service point, you benefit from a lifetime warranty.

NERO

Catalogue code	PNE-250LV-••/ PNE-250DC-••	PNE-500LV-••/ PNE-500DC-••	PNE-1000LV-••/ PNE-1000DC-••	PNE-2000LV-••/ PNE-2000DC-••
Type of Control	Low voltage 24V or Direct control	Low voltage 24V or Direct control	Low voltage 24V or Direct control	Low voltage 24V or Direct control
Limit Switch	Yes- outside	Yes- outside	Yes- outside	Yes- outside
FEM Class	2m	2m	2m	2m
Duty Factor	40%	40%	40%	40%
Starts per Hour	240	240	240	240
Bearing Time /10 years	6300 h	6300 h	6300 h	6300 h
Falls of Chain	1	1	1	2
Type of Chain	DIN EN 818-7 - type DAT – Zinc galvanized steel 80 grade	DIN EN 818-7 - type DAT – Zinc galvanized steel 80 grade	DIN EN 818-7 - type DAT – Zinc galvanized steel 80 grade	DIN EN 818-7 - type DAT – Zinc galvanized steel 80 grade
Size of Chain	5x15mm	6x18mm	8x24mm	8x24mm
Chain Self-Weight	0,53 kg/m	0,78 kg/m	1,39 kg/m	1,39 kg/m
Safety Factor	8:1	8:1	8:1	8:1
IP Rate	55	55	55	55
Insulation Class (Temperature Class)	F in according to CEI 15-26	F in according to CEI 15-26	F in according to CEI 15-26	F in according to CEI 15-26
Load Wheel	5 pockets	5 pockets	5 pockets	5 pockets
Noise Level	67,5 dB @ full load	67,5 dB @ full load	67,5 dB @ full load	67,5 dB @ full load
Connection Cable Length	(75 ± 5) cm	(75 ± 5) cm	(75 ± 5) cm	(75 ± 5) cm
Working Load Limit	250 kg	500 kg	1000 kg	2000 kg
Operating Voltage △ /Y	230/400 VAC - 3 -50 Hz	230/400 VAC - 3 -50 Hz	230/400 VAC - 3 -50 Hz	230/400 VAC - 3 -50 Hz
3 ph Current	△ 2,70 A - Y 1,56 A	△ 3.93 A - Y 2,27 A	△ 4,62 A - Y 2,67 A	△ 8,37 A - Y 4,83 A
Motor Power	0,5 kW	0,8 kW	1,0 kW	1,6 kW
Number of Brakes	2	2	2	2
Brake Size	6	6	8	10
Brake Power	20 W	20 W	25 W	30 W
Brake Operating Voltage	103 VDC	103 VDC	103 VDC	103 VDC
Lifting Speed	4 m/min +/-1%	4 m/min +/-1%	4 m/min +/-1%	4 m/min +/-1%
Self-Weight	21 kg	24 kg	43 kg	45 kg

NERO^E

NERO ^{E}

*The Nero E is only available as a direct control hoist and is a simplified design of the standard Nero without limit switches.

Catalogue code	PNE-E-250DC-••	PNE-E-500DC-••	PNE-E-1000DC-••	PNE-E-2000DC-••
Type of Control	Direct control	Direct control	Direct control	Direct control
Limit Switch	No	No	No	No
FEM Class	2m	2m	2m	2m
Duty Factor	40%	40%	40%	40%
Starts per Hour	240	240	240	240
Bearing Time /10 years	6300 h	6300 h	6300 h	6300 h
Falls of Chain	1	1	1	2
Type of Chain	DIN EN 818-7 - type DAT – Zinc galvanized steel 80 grade	DIN EN 818-7 - type DAT – Zinc galvanized steel 80 grade	DIN EN 818-7 - type DAT – Zinc galvanized steel 80 grade	DIN EN 818-7 - type DAT – Zinc galvanized steel 80 grade
Size of Chain	5x15mm	6x18mm	8x24mm	8x24mm
Chain Self-Weight	0,53 kg/m	0,78 kg/m	1,39 kg/m	1,39 kg/m
Safety Factor	8:1	8:1	8:1	8:1
IP Rate	55	55	55	55
Insulation Class (Temperature Class)	F in according to CEI 15-26	F in according to CEI 15-26	F in according to CEI 15-26	F in according to CEI 15-26
Load Wheel	5 pockets	5 pockets	5 pockets	5 pockets
Noise Level	67,5 dB @ full load	67,5 dB @ full load	67,5 dB @ full load	67,5 dB @ full load
Connection Cable Length	(75 ± 5) cm	(75 ± 5) cm	(75 ± 5) cm	(75 ± 5) cm
Working Load Limit	250 kg	500 kg	1000 kg	2000 kg
Operating Voltage △/Y	230/400 VAC - 3 -50 Hz	230/400 VAC - 3 -50 Hz	230/400 VAC - 3 -50 Hz	230/400 VAC - 3 -50 Hz
3 ph Current	△ 2,70 A - Y 1,56 A	△ 3.93 A - Y 2,27 A	△ 4,62 A - Y 2,67 A	△ 8,37 A - Y 4,83 A
Motor Power	0,5 kW	0,8 kW	1,0 kW	1,6 kW
Number of Brakes	2	2	2	2
Brake Size	6	6	8	10
Brake Power	20 W	20 W	25 W	30 W
Brake Operating Voltage	103 VDC	103 VDC	103 VDC	103 VDC
Lifting Speed	4 m/min +/-1%	4 m/min +/-1%	4 m/min +/-1%	4 m/min +/-1%
Self-Weight	21 kg	24 kg	43 kg	45 kg

FEATURES

• Outside limit switch on low voltage and direct control.

• Prolyft offers a unique lifetime warranty.

• Fixed bracket allowing the chainbag to move hoist position related, to ensure the chainbag is positioned correctly in any orientation.

• Soft-stopper, easy to position on any desired place on the chain.

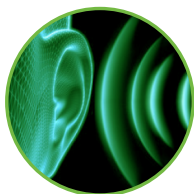• The unique RFID-tag on the hoist, is the link to the completely rebuilt database.

• Database with all certificates and complete history of the hoist.

• Standardly equipped with black chain for the complete range.

• Durable covers with solid integrated handlebars. The cover can be rotated for motor-up or motor-down use.

• Low noise level: 67.5 dB under full load.

ACCESSORIES

Say goodbye to the endless search for the right accessories for your hoists and experience the convenience of a one-stop shop. All accessories for storing, transporting and connecting your hoists in one place. The best quality and the most well-thought-out solutions can be found here.

Flight cases for safe transport, ergonomically designed and equipped with ventilation to keep your hoist in the best possible condition.

Various types of controllers to control hoists in a safe and clear way.

"All you need, all in one place."

Cables in all shapes and sizes to ensure a good and safe connection between the power source and hoists.
To safely use your hoist outside, use a rain cover to protect it from the elements of nature.

Cables

Catalogue code	Description	Available standard lengths
PLC-LVC-• •	PROLYFT LV COMBICABLE	5, 10, 15 & 20m
PLC-CC-• •	PROLYFT LV CONTROL CABLE	5, 10, 15 & 20m
PLC-DCC-• •	PROLYFT DC MOTORCABLE 16A-4P	5, 10, 15 & 20m
PLC-PC16-• •	PROLYFT POWERCABLE 16A-5P	5, 10 & 20m
PLC-PC32-• •	PROLYFT POWERCABLE 32A-5P	5, 10 & 20m
PLC-MCH-• •	PROLYFT MULTICABLE 16P HARTING	10, 20 & 30m

Raincovers

Catalogue code	Description
PNE-A-RC250-500	RAINCOVER NERO 250-500
PNE-A-RC1000-2000	RAINCOVER NERO 1000-2000

Splitters

Catalogue code	Description
PLC-BO-01	PROLYFT BREAK-OUT HAN16F -> 4X CEE16A
PLC-BI-01	PROLYFT BREAK-IN 4X CEE16A -> HAN16M
PLC-BO-LV	PROLYFT BREAK-OUT BOX LV 4-WAY

Flightcases

Catalogue code	Description
PNE-A-FC-250	FLIGHTCASE NERO 250KG
PNE-A-FC-500	FLIGHTCASE NERO 500KG
PNE-A-FC-1000	FLIGHTCASE NERO 1000KG
PNE-A-FC-2000	FLIGHTCASE NERO 2000KG

DATABASE

The Prolyft database is a web-based database accessible with any type of device connected to the internet. Now you have access to your hoist documents anytime and anywhere.

"The database is a free and unique service when purchasing a Prolyft hoist."

All Prolyft hoists from 2004 to the present day are recorded in the database and accessible by the users. This gives distributors an overview of the hoists they have sold and makes it easy to respond to developments in the market.

Service points have an overview of the hoists assigned to them and can remind owners about the required service of the hoists.

Owners have an overview of their fleet of hoists and can access all important documents associated with their hoist at all times. Both owner and service points can add documents to their hoist.