

**General Description**

Rigpro Hoists, the ultimate choice for stage productions, are engineered for the entertainment industry, these electric chain hoists provide reliable setups and installation for speakers, lighting systems, stage sets, and more. With exceptional features and continuous adaptability, Rigpro hoists are trusted and have a global presence.

RD-750, the chain hoist with 750 kg load capacity, is design and made according to D8 plus principle. It is equipped with two independent DC brakes, main brake and secondary brake. The brakes act immediately in case of power disconnection or failure so that the load is held safely. RD-750 is fitted with a friction clutch to protect the drive. It is equipped with high-strength steel load chain according to EN818-7.

The robust and sturdy housing is fabricated by aluminum alloy and treated with a matt black paints. It is also available in other colors. It is a three-phase direct voltage control chain hoist. The standard operation voltage is 400V, 3-phase, 50Hz. Other operating voltage is available.



<b>Model number</b>	RD-750
<b>Speed</b>	4 M/min (50Hz)
<b>Version</b>	Direct Control

**Contents**

1. General Description ..... 1  
 2. Technical Data .....2  
 3. Dimension Sheet .....3

- Specifications subject to change without notice.
- [www.stage.com.tw](http://www.stage.com.tw)

**PRODUCT DATA SHEET**

**Features**

- \* Gravity casting aluminum chassis; sturdy and durable
- \* Black epoxy powder paint finish; matt outlook and low key
- \* Enhanced nylon chain leading guide; eliminating the chain jamming
- \* Two spring-loaded heavy-duty DC brakes; requiring very little maintenance
- \* Drop-forged high tensile steel hook; ensuring proper rigging load
- \* 40% ED duty cycle motor; robust and high efficiency
- \* Operated on standard 3-phase voltage 400V 50Hz
- \* Comform to ISO(2m) and FEM(M5) classification
- \* Average operation noise within 75db; quiet and less noisy
- \* Chain bag with durable textile

**Mechanical**

- Friction clutch for overload protection
- Operating coefficient load chain - 8 (static)
- 1-fall load hook
- Precise chain guide with 5-pocket chain sprocket wheel
- Upright and climbing operation
- 3m cable with 4-pin CEE connector
- 360 degree turnable hook suspension

**Electrical**

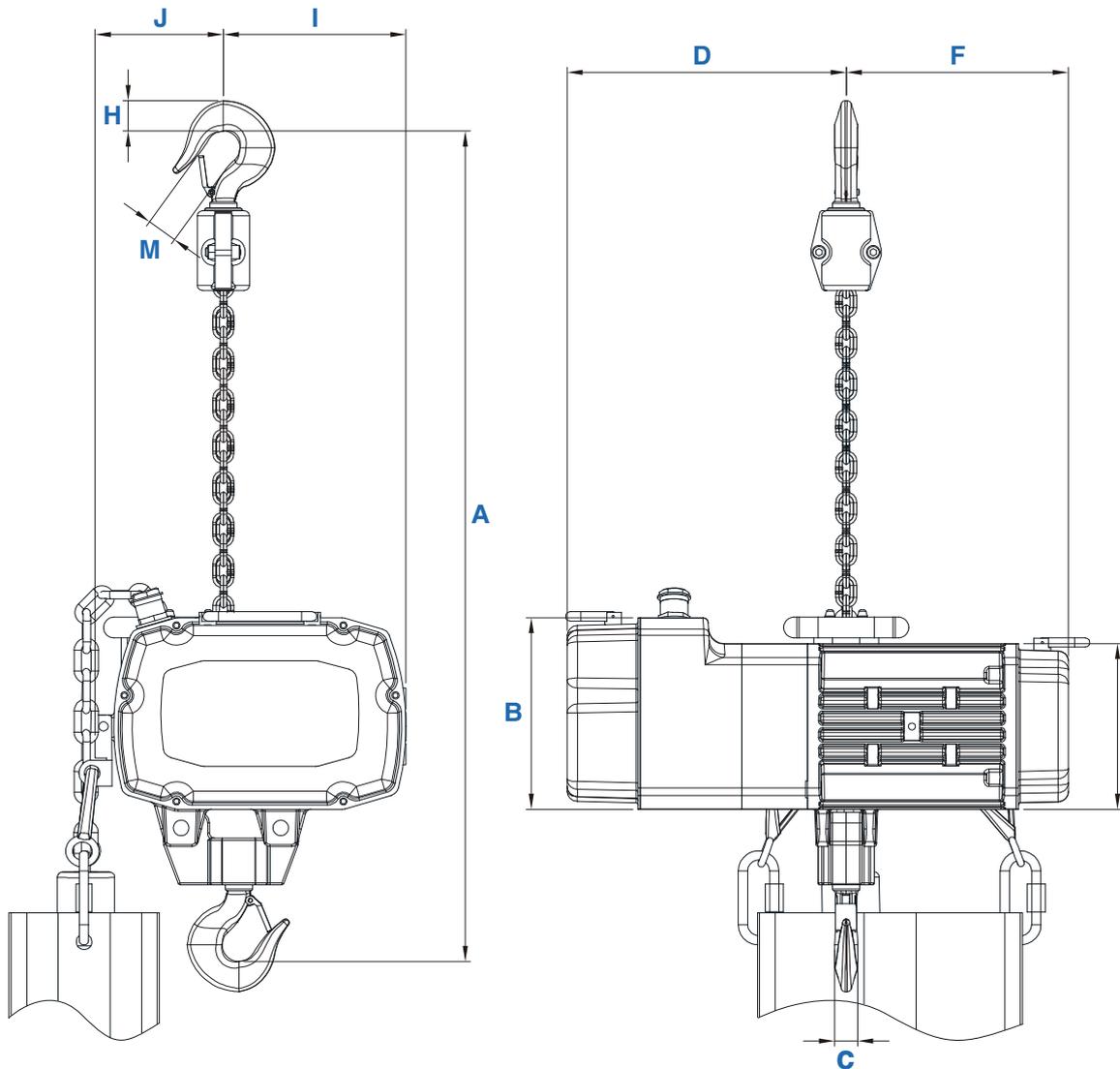
motor power:	0.75 kW	rated current:	400V: 1.9 A
power factor cos φ:	0.69		220V: 4.1 A
nominal voltage:	3ph 400V	degree of protection:	IP 54
frequency:	50Hz	control equipment:	direct control

**Technical**

model type:	RD-750
hoisting speed:	4.0 M/min (50Hz); 4.8 M/min (60Hz)
working load limit:	750kg
number of falls:	1
load chain according to EN 818-7:	7.1 x 20.2 mm
suspension type:	360 degree turnable hook suspension
classification of mechanism lifting gear	FEM/ ISO
	2m / M5
duty cycle - starts per hour:	ED 40 % - 240 c/h
noise level:	75 dB(A)/ 1 m distance
weight (without chain):	approx. 50 kg
weight of the chain:	approx. 1.12 kg/m

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**CHAIN HOIST 750 KG ACCORDING TO IGWV SQP2 (D8 PLUS)**  
**PRODUCT DATA SHEET**



unit: mm

Model	A	B	C	D	F	H	I	J	M
RD-750	650	185	23	267	213	33	175	123	30

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