



D-SERIES

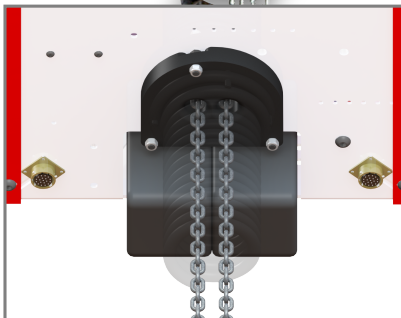
A DYNAMIC LOW COST SERVO HOIST



The **D-SERIES SERVO HOIST** is equipped with all the features of Knight Global's patented **SAFETY DROP STOP (SDS)** SERVO HOIST, minus the I/O for a significantly reduced cost.

Introducing a **DYNAMIC SERVO HOIST** solution that is the safest, most intelligent, and now the most economical hoist in the world.

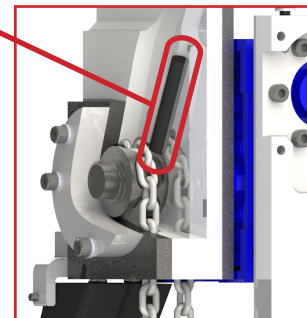
This new version of the servo hoist allows Knight Global to be more competitive with the lower end Intelligent Assist Devices (IAD's) in the industry without sacrificing safety or intelligence features.



Load & Safety Chain
UNDERSIDE OF HOIST



Ethernet Connection
PROGRAMMING



NEW FEATURE

A drop-in graphite stick inside of the gear tower of the hoist ensures that the two chains stay lubricated for longer life.

D-SERIES SERVO HOIST

Specifications and Features

Hoist Capacities *NEW!*

Part Number	Capacity (lbs/kg)
KSH200DS - 2401 - 005	200 lbs. [90kg]
KSH400DS - 2401 - 005	400 lbs. [181 kg]
KSH750DS - 2401 - 005	750 lbs. [340 kg]
KSH1000DS - 2401 - 005	1000 lbs. [453 kg]

Controls Options *NEW!*

- KLCA1030 Inline Control Handle with OCI (Fig. 1)
- KCA1033 2-Speed Control Handle with OCI (Fig. 2)

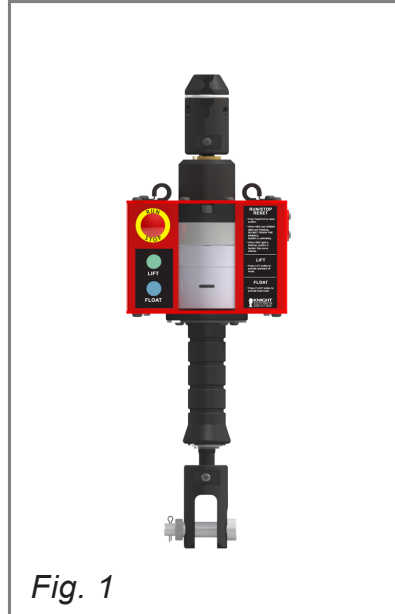


Fig. 1

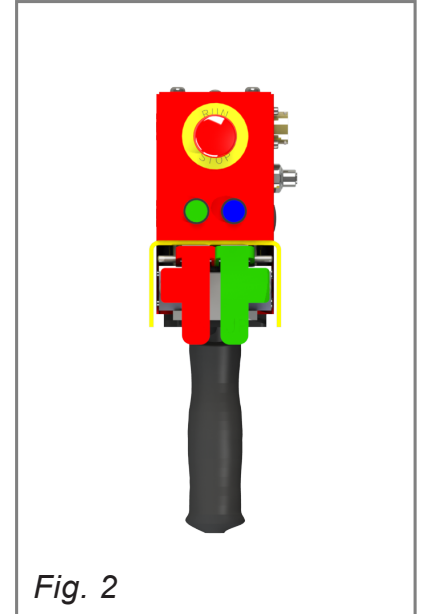


Fig. 2

Mechanical Features

- Redundant chain design for safe operation-
 - Load Chain (Carries the load.)
 - Safety Chain (Rides along for redundancy.)
- Speeds (Up to **241 ft. per min. [73.5mpm]**).
- Maximum Lifting Capacity:
Up to **1000 lbs. [453kg]**
- Safety Rating of 125%.
- Motor-Holding Brake.
- Knight's Patented Chains, for longer life.
- Knight's redundant chain guides.
- Two buckets to keep chains separated.
- Chain Length: 18 ft. Standard.
- Sealed Worm Style Gearbox.
- H5 Rated (Continuous Duty Cycle).
- Lube Stick.

Electrical Features

- 4.0 Industry Compliant
- Illuminated Run-Stop Button.
- Enable trigger, for quicker response.
- 240 VAC, Single Phase 50/60 Hz..
- Load Sensing, Pay Load and Handle Load.
- LED Status Indicators, Green and Blue Lighted Push Buttons.
- LED Fault Indicators, Twist to Release.
- CE.

Software Features

- STO - Safe Torque Off.
- Enhanced User Interface (UI).
- Ethernet Connection.
- Programming and Diagnostic Communication Ports.
- Virtual Travel Limits.
- Speed Reduction Zones.
- Impact Limiting.
- Active Dampening.
- Standard Float Mode.
- Programmable Overload Capability.

— CONTACT US FOR MORE INFORMATION —



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