

# LODESTAR® D8+

## ELECTRIC CHAIN MOTOR

**CAPACITIES**

70 to 1500 KG LIFT

**LIFT**

60 feet standard

**SPEEDS**

5 to 64 feet /min

**VOLTAGES**

3-phase available

The Lodestar D8+ meets all Standard SR2.0 requirements. It's clutch, outside the load path, acts as a precise overload device; and design factor is 10:1 with a double brake installed. The Lodestar D8+ is in accordance with the VPLT Code of Practice.

**BENEFITS & FEATURES**
**10:1 MECHANICAL DESIGN FACTOR**
**ELECTRO-MECHANICAL DOUBLE BRAKES**
**5 POCKET LIFT WHEEL**

For quiet &amp; smooth operation.

**68 DB OPERATIONAL NOISE**

A result of the Double Brake System.

**GEARING**

Precision machined gears heat treated for strength and durability.

**INTERNAL CHAIN GUIDE**

PVC black coated for quieter operation.

**LOW VOLTAGE CONTROL**

110 Volt for long cable runs without voltage drop. 24 &amp; 48 Volt optional.

**DUTY CYCLE**

H-4 duty rated for heavy duty application. 2M+ FEM class. 50% Duty Cycle or 300 on/off per hour.

**IP54 PROTECTION CLASS**
**73DB NOISE LEVEL**
**OVERLOAD PROTECTION**

Rated operational range between 125 and 150/160%. Clutch is outside the load path when disconnected from power.

**DURABLE & LIGHTWEIGHT HOUSING**

Cast aluminum. Black powder coated finish for low visibility.

**METRIC RATED LOAD CHAIN**

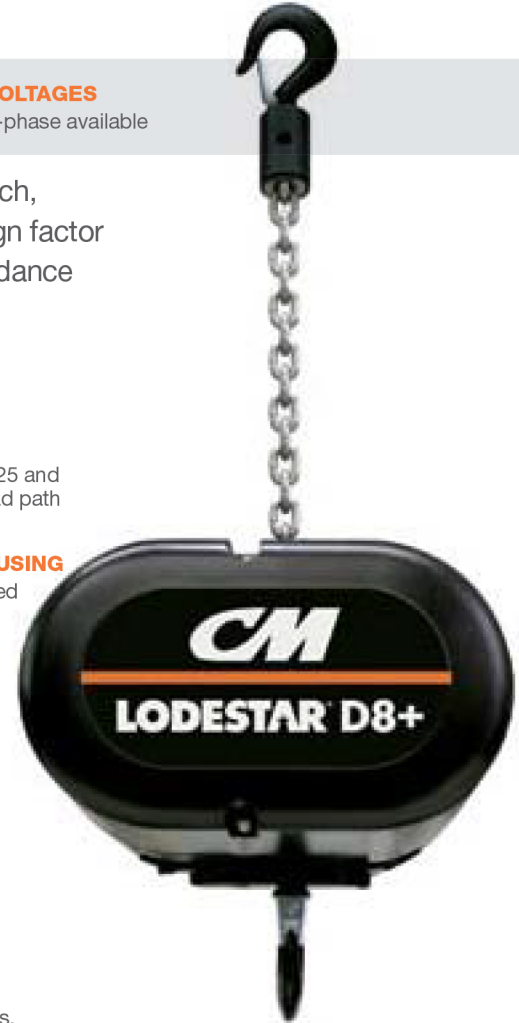
Designed and manufactured by Columbus McKinnon. Zinc plated to protect against corrosion. Black phosphate finish optional.

**THE INDUSTRY'S BEST LIFETIME WARRANTY**
**MEETS OR EXCEEDS WORLD STANDARDS**

Meets all Standard VPLT SR2.0/SQPR requirements.

**CHAIN STOP**

Mounted on load chain to prevent overtravel. Standard on all Lodestars.


**SPECIFICATIONS**

Model	Product Code	Chain Size Used	Rated Load (KG)	Lifting Speed (FPM)	Motor HP	Operating Voltage	Full Load Amps	Work Rating		Reeving	Lift (Feet) ***
								HMI	FEM		
B	3181NHCF	1/4	125	16	1/4	230/460-3-60	1.8/1.1	H4	2M+	1	60
C	3182NHCF	1/4	125	32	1/2	230/460-3-60	2.2/1.3	H4	2M+	1	60
F	3205NH	1/4	250	16	1/2	230/460-3-60	2.2/1.3	H4	2M+	1	60
J	3184NHCF	5/16	250	32	1	230/460-3-60	3.7/2.2	H4	2M+	1	60
JJ	3206NH	5/16	500	64	2	230/460-3-60	7.9/5.0	H4	2M+	1	60
L	3207NH	5/16	650	16	1	230/460-3-60	3.7/2.2	H4	2M+	1	60
LL	3208NH	5/16	500	32	2	230/460-3-60	7.9/5.0	H4	2M+	1	60
R	3209NH	5/16	1300	8	1	230/460-3-60	3.7/2.2	H4	2M+	2	60
RR	3210NH	5/16	1000	16	2	230/460-3-60	7.9/5.0	H4	2M+	2	60
RT	Contact Factory	5/16	1500	5	1	230/460-3-60	3.7/2.2	H4	2M+	3	60

\*\*\* Lifts other than 60ft available (Standard Units shipped less chain unless specified)