

## D – 8 HEADRAIL

The D-8 headrail as supplied by Am-Source shall be a square profile section incorporating all lifting mechanisms. The width shall be 2 <sup>3/8</sup> inches and the height shall be 2 <sup>7/16</sup> inches and shall be formed from .040 steel. The headrail shall be chemically pretreated and coil coated for maximum durability.

The liftrod bearing and housing shall be made from Polyamide/Polyacetate plastic being self-lubricating and non-corrosive.

The lifting tape will be of nylon polyester and will measure 2.45 mm wide (approximately 3/32 inches) by .17 mm thick and available in 15 colors.

Mounting of the Am-Source supplied headrail will be by means of cam brackets that can be secured to the wall or the ceiling by means of screws. The cam bracket as supplied by Am-Source shall be 2 <sup>13/16</sup> inches wide by 2 ½ inches deep, and shall be supplied in sufficient quantity with each headrail so as to be positioned every 3 to 4 feet apart.

## D – 8 MOTOR

The D-8 motor as supplied by Am-Source shall be an asynchronous, capacitor start and run, single phase, 110 volt, AC, 60 Hz motor. It shall be thermally protected, external capacitor, brushless type equipped with permanently lubricated bearings.

The incorporated electro-magnetic brake ensures that the stopping position never varies more than 10° of shaft rotation.

The internal limit switch, set by “adjustment gears”, will preset the upper and lower stopping position of the motor.  
(Refer to Limit Setting Instructions for D8 Model motor)

The motor will use planetary gear reduction for output shaft rotation.

The D-8 motor shall rotate at 33 RPM and have the capability of 100 revolutions in one direction.

The motor measures 2 inches high by 2 inches wide by 8 ¾ inches long. The double-shaft motor has a torque of 4 Nm per shaft.

The motors are UL registered and are constructed according to VDE and Suppression Approval requirements.

The motor has a 4 to 6 minute continuous running time cycle – depending on motor location and load.

The motor may be operated by a single-pole, double-throw switch supplied by Am-Source, wireless remote control supplied by Am-Source, and/or may be integrated into Home Automation Control systems. If wireless remote control or Home Automation is used, the receiver and/or control boards fit inside the headrail.

### SPECIFICATIONS:

Torque	4 Nm per shaft
Load Capacity	86 pounds (39 Kg)
RPM	33
Maximum revolutions – one direction	100
Motor Size	2" x 2" x 8 ¾"
Volts	110 Volts AC
HZ	60
Amps	1.25
Watts	135
Duty Cycle (continuous)	4 - 6 min. (to thermal break - depending on load)

Refer to the Am-Source D-8 Motorized Headrail for additional information

**\*Do Not Wire In Parallel\***

### For more information contact:

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