

ZLM-6610-6S

0617

SPECIFICATION SHEET

Description

The Microroller® is an internally powered motor-driven conveyor roller with an amperage-protected 24 volt DC brushless motor and permanently lubricated planetary gear reduction drive.

These 24 volt DC powered motorized rollers are for plant managers and production engineers who strive to lower the total cost of ownership of their conveyor systems.

- Optimize system throughput
- Decrease installation costs
- Decrease maintenance costs
- Decrease power consumption
- Increase environmental safety



Specifications

22 Watt Motor

Gearbox	Rated Torque (in-lbs.)	Starting Torque (in-lbs.)	Current (Amps)	Linear Speed (FPM)
-5	46	106	0.5-2.0	5-20
-10	24	54	0.5-2.0	14-60
-15	14	32	0.5-2.0	17-73
-20	10	24	0.5-2.0	24-100
-30	8	20	0.5-2.0	29-122
-35	6	15	0.5-2.0	42-180
-40	4	11	0.5-2.0	55-238

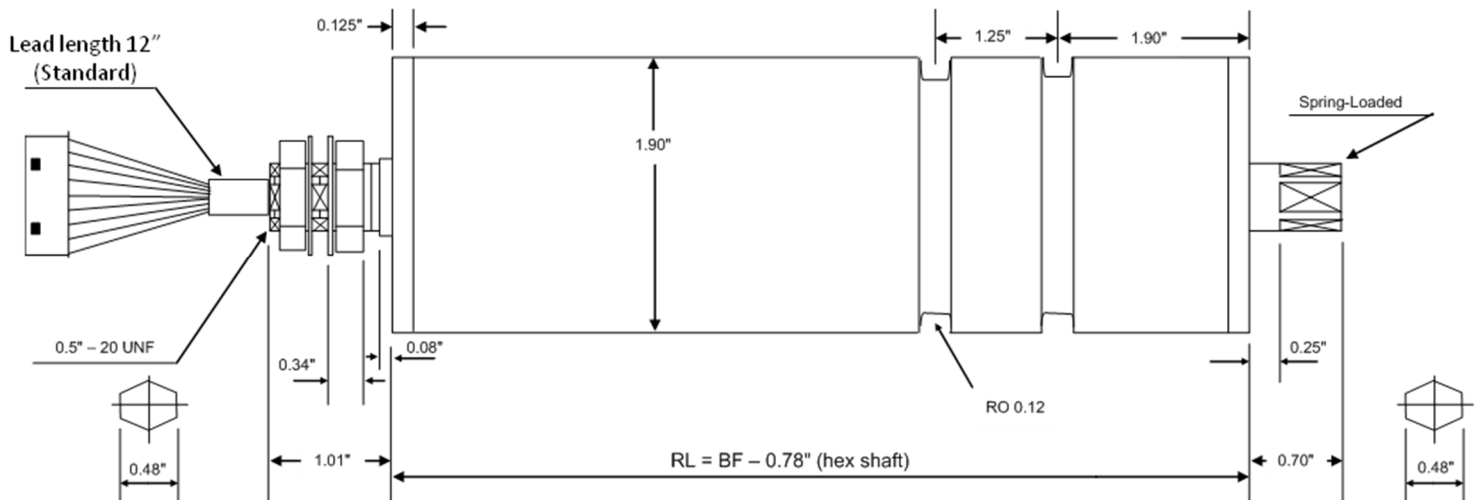
35 Watt Motor

Gearbox	Rated Torque (in-lbs.)	Starting Torque (in-lbs.)	Current (Amps)	Linear Speed (FPM)
-10	40	150	0.5-2.8	13-44
-20	19	82	0.5-2.8	26-88
30	15	67	0.5-2.8	31-107
-40	12	49	0.5-2.8	43-146
-60	7	32	0.5-2.8	65-229
-70	5	27	0.5-2.8	80-280
-80	4	22	0.5-2.8	94-328

The linear speed shown is for 1.9" diameter rollers. For 2.24" diameter rollers, multiply by 1.15. For 2.38" diameter rollers, multiply by 1.22.

Product Nomenclature

	Roller Type	Power Source	Diameter	Length	Gearbox	Roller Cover	Output Power	Groove Type	
MR	-(X)	-D	-(XX)	-(XXX)	-(XX)	-(X)	-(X)	-(X)	-Q
Microroller	A=Standard B=Brake	24 VDC	(mm)	(mm)	4-80	Call for options	W=22 WATT Z=35 WATT	Call for options	N/A





EMERGENCY STOPS AND SAFETY RELAYS

It is generally considered good safety practice to have E-stop and/or safety relays/controllers installed in any conveyor system, especially one with multiple control system voltages. Many state and local regulations/codes require them. Please consult qualified personnel who plan and design safety equipment for machines and systems and are familiar with the regulations governing safety in the workplace and accident prevention.

Warranty/Remedy

Seller warrants its products to be free from defects in design, material and workmanship under normal use and service. Seller will repair or replace without charge any such products it finds to be so defective on its return to Seller within 18 months after date of shipment by Seller. **The foregoing is in lieu of all other expressed or implied warranties (except title), including those of merchantability and fitness for a particular purpose.** The foregoing is also purchaser's sole remedy and is in lieu of all other guarantees, obligations, or liabilities or any consequences incidental, or punitive damages attributable to negligence or strict liability, all by way of example.

While Microroller Distribution provides application assistance, personally and through our literature, it is up to the customer to determine the suitability of the product in the application.

All information contained herein, including illustrations, specifications and dimensions, is believed to be reliable as of the date of publication, but is subject to change without notice.

Complementary Products

Microroller Distribution distributes a complete line of smart conveyor control equipment. To complete your system, have you considered:

Stack Light Controllers for DeviceNet

Push Button Controllers for DeviceNet, Multiple I/O

Low Profile I/O for DeviceNet, Multiple I/O

ZoneLink® .S Driver Module for 22W and 35W Microrollers w/ Auxiliary I/O

ZoneLink® 4 Zone Controllers with DeviceNet™

4 Zone Controllers for MAC Valves and VFDs

ZoneLink3 ZPA Controllers for Microrollers and SmartRollers

ZoneLinkTC EtherNet/IP controls

To request pricing and availability, or to place an order:

Microroller Distribution LLC

2532 Waldorf Ct NW
Grand Rapids, MI 49544
Phone 800.691.8302
Fax 616.453.5160

www.microrollerdistribution.com

email

Sales & Support: sales@microrollerdistribution.com

About Microroller Distribution LLC

Our products are all designed and produced by us

If you need customized solutions, we can do it. We give you the technology that best suits your needs. We understand Common Industrial Protocols (CIP) such as DeviceNet and Ethernet/IP, as well as CANOpen and Smart Distributed System (SDS.) Our engineers can supply the distributed I/O solutions that meet your specific needs.

We push intelligence to the process

Microroller Distribution's smart quick-connect products can reduce wiring and give you diagnostics designed for your material handling system. Our products are designed with your system in mind. Using industry standards, we explore new ways to make things work in industrial automation. We apply the requisite technology to deliver the solution your system needs.

Want to kick around options?

Call us. Where else are you going to find people who love talking about this stuff? And who know enough to be helpful?

The number to connect you to someone who understands your business – **800.691.8302**