

Description

The SmartRoller® 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.

Microroller Distribution manufactures 2.5" square bore sprocket SmartRollers for use with Intralox Series 900 belts in both round and square configurations. Use Intralox Part Number S3D9XXCVL4NG – Series 900, 6.1" (18T) Natural Acetal Sprocket with 2.5" square bore for square SmartRollers. Round SmartRollers have a welded keyway for use with round bore sprockets. Consult Intralox for sprocket specifications.



2.5" Square Bore Sprocket SmartRoller

Specifications

Gearbox	Rated Torque (in-lbs.)	Starting Torque (in-lbs.)	Current (Amps)	Linear Speed (FPM)
-10	40	150	0.5-2.8	39-132
-14	30	115	0.5-2.8	60-198
-20	19	82	0.5-2.8	78-264
30	15	67	0.5-2.8	93-321
-40	12	49	0.5-2.8	130-438
-60	7	32	0.5-2.8	195-690
-70	5	27	0.5-2.8	240-840
-80	4	22	0.5-2.8	282-984

The linear speed shown is for 2.5" rollers with 6.1" diameter sprockets for Intralox Series 900 belts.



Microroller Distribution does not recommend belt speeds above 300 FPM

Product Nomenclature

	Roller Type	Power Source	Diameter	Length	Gearbox	Roller Cover	Output Power	Groove Type	
SR	-A	-D	-63	-(XXX)	-(XX)	-(X)	-Z	-(X)	-H
SmartRoller	A=Standard	24 VDC	63 (2.5")	(mm)	10-80	Call for options	Z=35 WATT	S = Square R = Round	

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
- Light Stacks for DeviceNet
- Operator Panels for DeviceNet, Multiple function
- Push Button Controllers for DeviceNet, Multiple I/O
- DeviceNet™ Cables
- Low Profile I/O for DeviceNet, Multiple I/O
- Motor Starter Controllers for DeviceNet
- ZoneLink™ .S ZPA Module for 22W and 35W Microrollers w/ Auxiliary I/O
- ZoneLink™ .S Driver Module for 22W and 35W Microrollers
- ZoneLink™ .S 4 Zone Controllers for DeviceNet™

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

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**