



Specials are Our Standard



# RFID Technology

Making your cylinders even smarter.

RFID chip contains all the information needed to:

- Simplify Asset Tracking
- Simplify Maintenance Records
- Simplify Maintenance



**Proven  
Durability  
for the  
Toughest  
Applications**



- Factory loaded with serial no., bore, stroke, repair kit no., and more
- Field writable maintenance log
- Uses standard HF technology for industry read/write compatibility
- Uses Balluff industrial RFID chip for harshest applications

## Why Use RFID Tags?

Cylinders are typically used in industrial applications, and often in critical roles. Many times the operating environment where cylinders are used creates a difficult to impossible challenge to read a cylinder's identification markings. With RFID, not only is it easy to identify the cylinder, but the RFID tag contains all the required information to track and maintain the cylinder. Information stored on the tag includes: serial no., date of manufacture, part no., customer part no., bore, stroke, press spec, repair kit no., and customer machine no. The tag even includes a maintenance log, where the date and maintenance comments can be stored right on the tag. All the info you need – always available – right on your cylinder.

An RFID tag makes tracking and maintaining cylinders simple!

## Durable Tags

Milwaukee Cylinder HF RFID tags are industry standard\*, read-write, digital data storage devices made by Balluff (Part No. BIS M-150-02/A).

- IP 67 rated.
- Memory capacity read/write 2000 bytes.
- Max read-write range 75 mm.

## Tag Format

Milwaukee Cylinder RFID tags come formatted and pre-loaded with cylinder information. Milwaukee Cylinder publishes the format we use to allow any industry standard RFID reader to recognize the fields pre-loaded by Milwaukee Cylinder.

## Reading Tags

HF RFID is a near field read/write technology – which ensures that in environments where multiple tags are present, the correct tag information is being read. Though nearly any industry standard HF RFID\* reader can work, Balluff offers a handheld read-write device which has available pre-designed, downloadable templates that recognize the Milwaukee Cylinder format (without manual programming). Contact Balluff or Milwaukee Cylinder for details.

## Attaching Tags

Milwaukee Cylinder RFID tags include a specially designed tie-rod clip that allows the RFID tag to be moved and mounted to any of the cylinders tie rods.

\* Industry standard: 13.56 MHz, ISO 15693

Your *Milwaukee Cylinder* Distributor

Available on any  
Milwaukee Cylinder.



Balluff Part No.: BIS  
M-871-1-008-X-001-3002



**BALLUFF**  
sensors worldwide

Due to manufacturing processes and product improvements, please check website for the latest updates of products.

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