



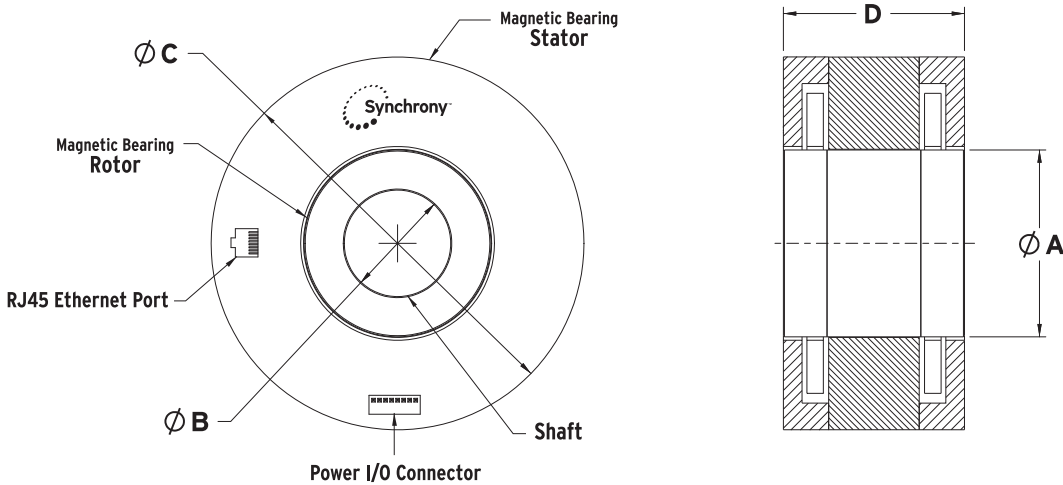
# Fusion<sup>®</sup> Radial Magnetic Bearings

## General Specifications

Max. Temperature: 140°F (60°C) at stator OD

Input Voltage: 48 VDC

Communications Protocol: Modbus TCP/IP



Fusion <sup>®</sup> Radial Bearing Size Chart						
	Dimensions	A	B	C	D	
Model Number	Load Capacity (lb)	Rotor OD (in)	Max. Shaft OD (in)	Stator OD (in)	Overall Length (in)	Max. Operating Speed (rpm)
FR 35-10	424	3.5	2.2	7.0	3.8	34,000
FR 35-20	849	3.5	2.2	7.0	5.5	34,000
FR 50-10	778	5.0	3.3	9.0	4.6	24,000
FR 50-20	1,556	5.0	3.3	9.0	7.1	24,000
FR 60-10	1,167	6.0	3.9	10.5	5.0	20,000
FR 60-20	2,334	6.0	3.9	10.5	7.9	20,000
FR 70-10	1,584	7.0	4.6	12.0	5.5	17,000
FR 70-20	3,168	7.0	4.6	12.0	8.9	17,000
FR 80-10	2,206	8.0	5.2	13.5	6.2	15,000
FR 80-20	4,412	8.0	5.2	13.5	10.1	15,000
FR 90-10	3,026	9.0	5.8	15.0	7.0	13,000
FR 90-20	6,053	9.0	5.8	15.0	11.7	13,000

**\*Magnetic bearings listed above are examples of standard radial bearings.**

For more information on Fusion radial specifications or for application assistance, please contact us or visit our web site at [www.synchrony.com](http://www.synchrony.com)