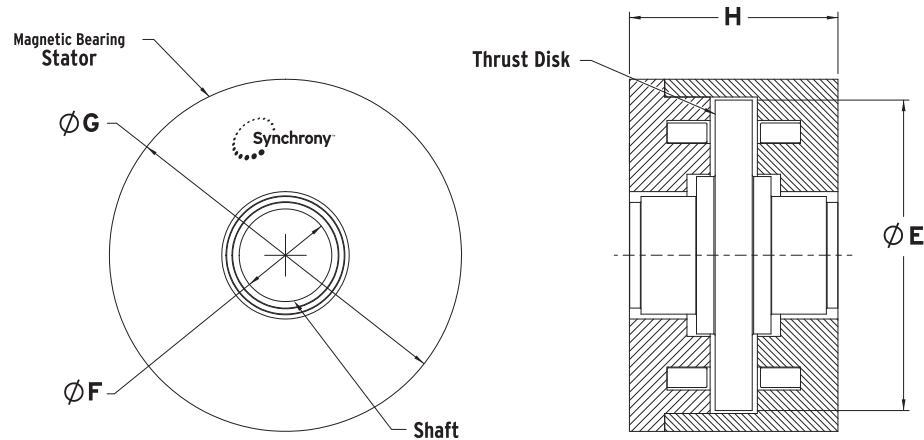


NovaGlide™ Thrust Magnetic Bearings

General Specifications

Max. Temperature: 350°F (176°C)



NovaGlide™ Thrust Bearing Size Chart						
Model Number	Dimensions Load Capacity (lb)	E Thrust Disk OD (in)	F Max. Shaft OD (in)	G Stator OD (in)	H Overall Length (in)	Max. Operating Speed (rpm)
NT 35-10	290	3.5	1.0	3.9	3.2	46,000
NT 45-10	525	4.5	1.5	5.0	3.3	36,000
NT 54-10	730	5.4	2.0	6.0	3.4	30,000
NT 86-10	2,350	8.6	3.0	9.4	5.2	19,000
NT 109-10	3,950	10.9	4.0	11.9	6.3	15,000
NT 144-10	8,100	14.4	5.0	15.7	8.5	11,000
NT 179-10	13,600	17.9	6.0	19.4	10.6	9,000

***Magnetic bearings listed above are examples of standard thrust bearings.**
For more information on NovaGlide thrust specifications or for application assistance, please contact us or visit our web site at www.synchrony.com



NovaGlide™ system includes:

- 2 radial bearings and 1 thrust bearing (1 radial bearing shown)
- 2 auxiliary bearings
- Compact controller (20 in x 12 in x 9 in)
- Communication interface: Modbus TCP/IP