

# SERIES 11/R11

**Harowe™ brand**

## Heavy Duty Brushless Resolvers

### Key Features

- **Brushless Construction is Ideal for Brushless Servo Motors**
- **Shortest Length in the Industry for Easy Mounting**
- **Up to 125°C Temperature Range**
- **Radiation-Hardened Models Available**



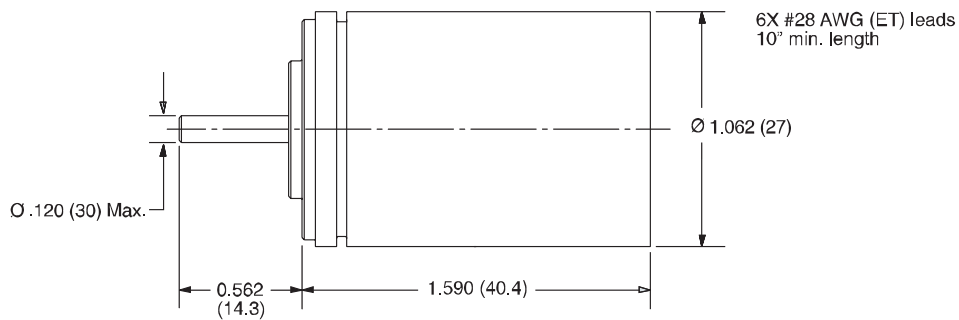
## SPECIFICATIONS

Family Model	Speed*	Primary Winding	Accuracy Arc-Min	Input Voltage (Vrms)	Frequency (Hz)	Maximum Input Current (mA)	Transformation Ratio (V out / V in) 10%	Phase Shift (degrees)	Total Null Voltage (mV)
11BRW-300-B	1	Stator	10	12.0	400	10.9	1.75	12	30
11BRW-300-F	1	Stator	7	12.0	2,500	3.1	0.50	-2	30
11BRW-300-M	1	Stator	7	10.0	5,000	8.3	0.50	-5	30
11BRCT-300-F	2	Stator	10	12.0	2,500	8.3	0.50	0	15
11BRCT-300-M	2	Stator	10	11.8	2,500	70.0	1.02	-1	30
11BRCT-300-T	4	Stator	5	12.0	2,500	6.0	0.53	-2	15
11BRCT-300-P	5	Stator	4	12.0	2,500	1.4	0.39	-7	15
11BRCX-300-A	1	Rotor	7	7.5	4,000	13.5	0.54	-2	20
11BRCX-300-B	1	Rotor	7	7.5	4,000	40.0	1.07	-2	15
11BRCX-300-C	1	Rotor	7	6.0	1,000	15	0.45	4	15
11BRCX-300-G	1	Rotor	7	26.0	400	40.0	0.45	12	30
11BRCX-300-J	1	Rotor	7	7.0	5,000	10.9	0.95	-6	15
11BRCX-300-N	1	Rotor	7	8.5	1,000	14.0	1.00	3	30
11BRCX-300-M	2	Rotor	7	7.0	5,000	10.9	0.95	-2	30
11BRCX-300-T	4	Rotor	7	7.0	5,000	11.0	0.84	7	20
11BRCX-300-P	5	Rotor	6	10.0	5,000	5.0	0.55	-3	20
R11-S01F-1A	1	Rotor	20	1.88	2,250	21.0	1.40	11	15
R11-S01F-1B	1	Rotor	20	6.00	2,000	12.0	0.454	8.5	15

\*Speeds are defined as follows: 1 = single speed; 2 = 2-speed; etc.

\*Note: These are not complete part numbers. Contact Customer Service with the additional information that is required regarding shaft options, leads, accuracy, etc to determine complete part number.

**DIMENSIONS**    inch  
                         [mm]



Worldwide Brands: NorthStar™ • Dynapar™ • Hengstler™ • Harowe™



[WWW.DYNAPAR.COM](http://WWW.DYNAPAR.COM)

Headquarters: 1675 Delany Road • Gurnee, IL 60031-1282 • USA

**Customer Service:**

Tel.: +1.800.873.8731

Fax: +1.847.662.4150

[custserv@dynapar.com](mailto:custserv@dynapar.com)

**Technical Support**

Tel.: +1.800.234.8731

Fax: +1.847.662.4150

[northstar.techsupport@dynapar.com](mailto:northstar.techsupport@dynapar.com)

**European Sales Representative**

Hengstler GmbH

Uhlandstrasse 49, 78554 Aldingen

Germany

[www.hengstler.com](http://www.hengstler.com)