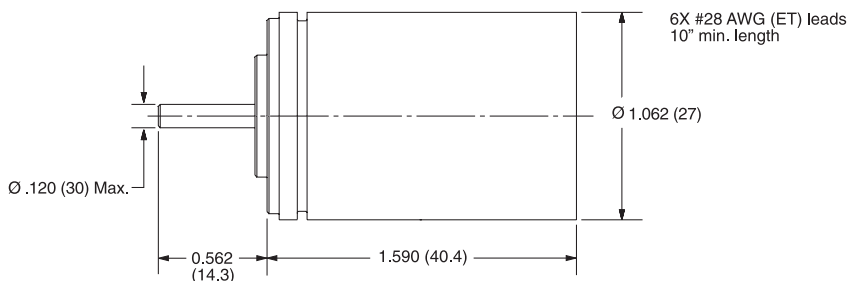


Heavy-Duty Housed Brushless Resolvers (Series 11, R11)

Harowe housed resolvers are available in a wide variety of electrical and mechanical configurations. Our brushless construction uses a rotary transformer to pass the reference signal to the rotor. This design eliminates the normal brush and slip ring sliding contact used in conventional resolvers. Since the brush and slip ring are life limiting components and can be a source of noise in harsh environments, the transformer coupled units enhance reliability and performance.

The industry-standard Size 11 resolver series has its own precision bearing system, making it ideal for coupling mounting. Alternately, the R11 shaft accepts pinions or pulleys for use in rack and pinion or cable measuring systems.

- Reliable in harsh environments
- Brushless construction—ideal mate for brushless servo motors
- Excellent angular accuracy & repeatability
- Maintenance free
- Shortest length in industry for easy packaging
- Temperature rating of 155°C for high temp applications
- Ideal for use in high shock applications



Family Model	Speed*	Primary Winding	Accuracy ± Arc-Min	Input Voltage (Vrms)	Frequency (Hz)	Maximum Input Current (mA)	Transformation Ratio (V out/ Vin) ± 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
R11-S01F-1A	1	Rotor	6	1.88	2,250	21.0	1.40	11	15

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

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