

Electrical Specifications

1. Input Voltage: 5.0 ±5%
2. Current Draw: 100mA max.
3. Output Mode: Line Driver
Open Collector
4. Output Voltage: H ≥ 2.5V min.
L ≤ 0.5V max.
5. Freq. Response: 200 kHz
6. Signal Rise/Fall Time: 200 nS max.

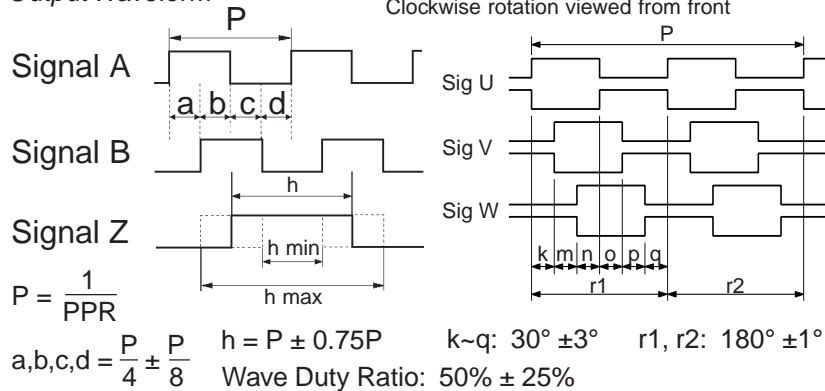
Mechanical

1. Max Shaft Load, radial: 2.0 kgf
axial: 1.0 kgf
2. Moment of Inertia: 8.0 g•cm²
3. Angular Acceleration: 1x10⁵ rad/S²
4. Max Slewing Speed: 6000 RPM
5. Starting Torque: 30 gf•cm max.
6. Rotational Life: 1 x 10⁸ rpm•hrs

Environmental

1. Operating Temp: -10° to +85° C
2. Storage Temp: -20° to +80° C
3. Humidity: ≤85% RH, no condensation
4. Vibration: 10~55 Hz, 1.5 mm, 2 hrs, x,y,z
5. Shock: 50G, 11ms, 3 axes, 3 reps

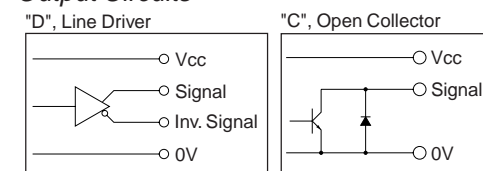
Output Waveform



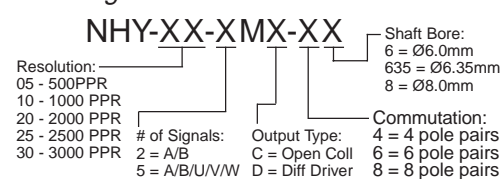
Standard Resolutions

NHY-XX	
05 500 P/R	25 2500 P/R
10 1000 P/R	30 3000 P/R
20 2000 P/R	

Output Circuits



Ordering Instructions



		CUI Stack, Inc. 9615 SW Allen Blvd. #103 Beaverton, OR 97005 Tel: 503/643-4899 FAX: 503/643-6129	
		DRAWN BY JAS	UPDATED 09/15/96
PART NO. NHY-XX-XXX-XX			REV. A