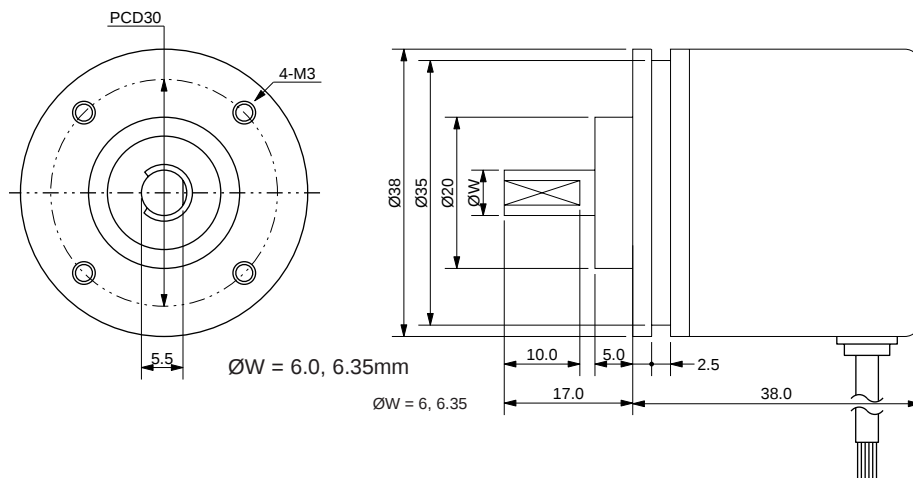




Electrical Specifications

TYPE	M	C/MC	HC/MHC	HCP/MHCP	MT/MHT	MD
Supply Voltage	4.5 - 13.2 VDC		10.8 - 26.4 VDC			5.0 VDC ±10%
Current	80mA max	60mA max	100mA max	60mA max	150mA max	
Output Voltage	H Vcc-1V		Vcc-1V	Vcc-3V	≥ 2.5V	
	L	≤ 0.5V		≤ 3.0V	≤ 0.5V	
Sink Current	20mA max			40mA max	20mA max	
Signal Risetime	≤ 1μS				≤ 200 nS	
Freq. Response	200kHz		50kHz	200kHz		

Mechanical

- Max Shaft Load, radial: 2.0 kgf
axial: 1.0 kgf
- Moment of Inertia: 8.0 g•cm²
- Angular Acceleration: 1x10⁵ rad/S²
- Max Slewing Speed: 6000 RPM
- Starting Torque: 10 gf•cm max.
- Rotational Life: 1 x 10⁸ rpm•hrs

Environmental

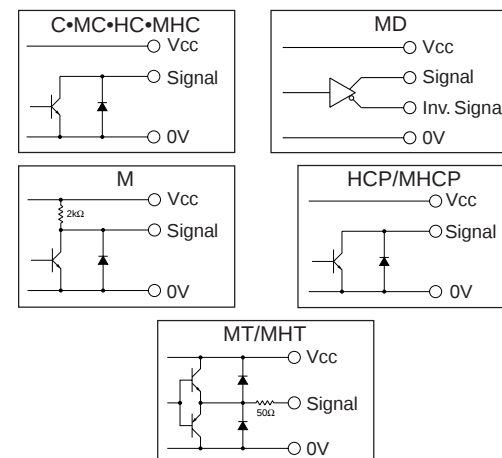
- Operating Temp: -10° to +70° C
- Storage Temp: -30° to +80° C
- Humidity: ≤85% RH, no condensation
- Vibration: 10-55 Hz, 1.5 mm, 2 hrs
- Shock: 30G, 11ms, 3 axes, 3 reps

Standard Resolutions

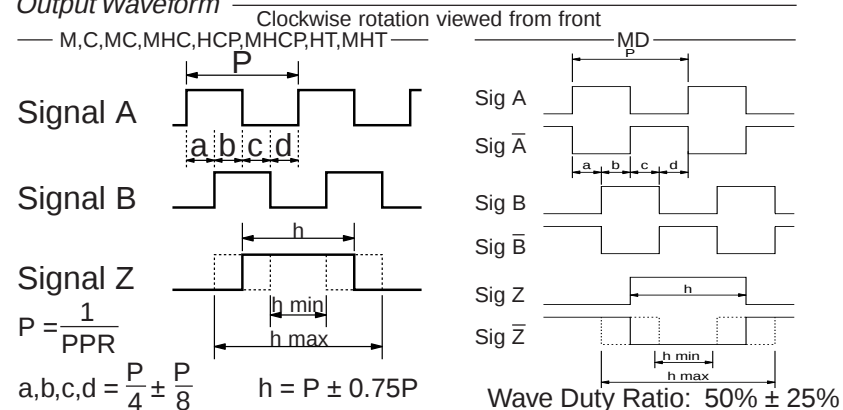
NSE-XXX

003	30 P/R	646	646 P/R
010	100 P/R	080	800 P/R
020	200 P/R	090	900 P/R
025	250 P/R	10	1000 P/R
026	256 P/R	1024	1024 P/R
030	300 P/R	12	1200 P/R
036	360 P/R	15	1500 P/R
040	400 P/R	18	1800 P/R
050	500 P/R	20	2000 P/R
512	512 P/R	2048	2048 P/R
060	600 P/R	25	2500 P/R

Output Circuits



Output Waveform



Ordering Information

NSE-□□□-□□□□□

Resolution(P/R) Channels: 2=A/B, 5=A/B/U/V/W

Index: M=Index, =No Index

Output: =TTL Voltage, C=Open Collector, D=Differential Driver, HT=High Voltage Push-Pull, HC=High Voltage Open Coll, HCP=HV Open Coll (PNP), T=Push-Pull



CUI STACK

CUI Stack, Inc.

9615 SW Allen Blvd. #103

Beaverton, OR 97005

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DRAWN BY	UPDATED	CHECKED	RELEASED
PART NO.	NSE-XXX-XXXXXX		
REV.	A		