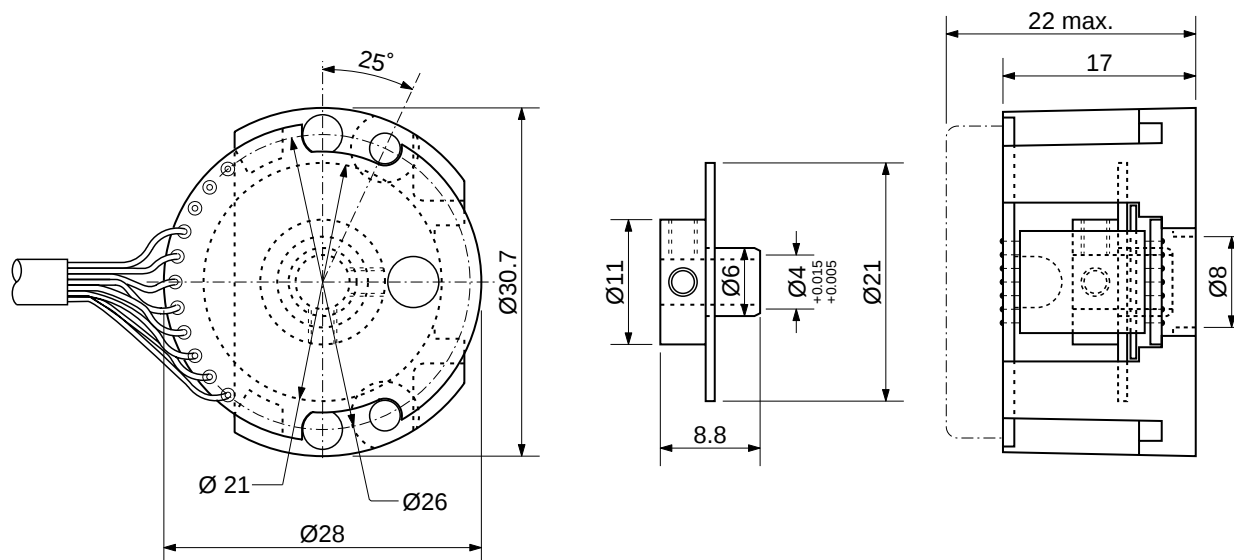




Standard Resolutions

MGH20-XXXX

100	100P/R	360	360P/R	800	800P/R
200	200P/R	400	400P/R	1000	1000P/R
250	250P/R	450	450P/R	1024	1024P/R
256	256P/R	500	500P/R	1200	1200P/R
300	300P/R	600	600P/R		

Ordering Instructions

MGH20-XXXX-X-XXX

Resolution: (P/R)

Output Type:
C = Open Collector
E = Line Driver

CSA = Commutation
(4 poles @ 120°)
(500, 1000 & 1024 PPR only)

Electrical Specifications

ITEM	TYPE	C	E
Supply Voltage		5~12VDC±10%	5VDC
Current		60mA max.	
Output	H	Vcc - 1V	≥ 2.5V
Voltage	L	≤ 0.5V	
Sink Current		20mA max.	
Signal Risetime		≤ 2μS	
Freq. Response		150kHz	

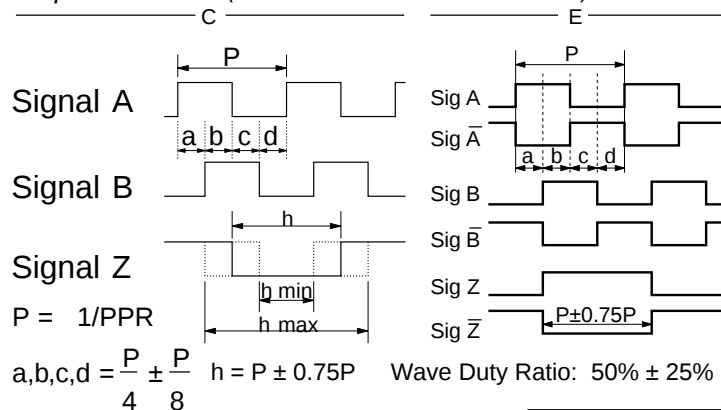
Mechanical

1. Max Shaft Load, radial: 1.0 kgf
axial: 0.5 kgf
2. Max Slewing Speed: 6000 RPM
3. Starting Torque: 30 gf•cm max.
4. Rotational Life: 1 x 10⁸ rpm•hrs

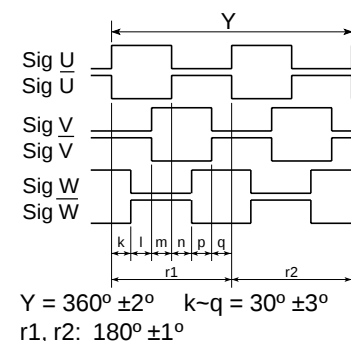
Environmental

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

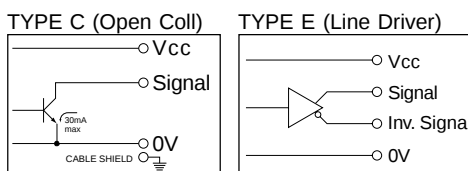
Output Waveform (Clockwise rotation viewed from front)



"CS" Commutation ('E' Output Only)



Output Circuits



CUI Stack, Inc.

9615 SW Allen Blvd. #103
Beaverton, OR 97005
Tel: 503/643-4899 FAX: 503/643-6129

DRAWN BY
JAS

UPDATED
03/02/01

CHECKED
03/02/01

RELEASED

PART NO.

MGH20-XXXX-X-XXX

REV.

A