

Capacity/NM	L	W	H	A	B	C	D	E	F	G	a*b*c* No. of keyway	d	h	Rated RPM
1/2/3/5/10	158	70	107	118	75	50	70	4.5	18	50	16*3*6.2*2	10	51	18000
20/30/40/50	176	70	107	120	75	50	70	4.5	25	50	23*5*9*2	14	51	16000
60/80/100	210	90	117	142	89	72	75	6.5	30	62	28*6*11.5*2	18	58	11000
150/200	242	100	127	150	95	72	85	6.5	42	62	40*8*15*2	24	63	10000
300	242	100	130	152	95	72	90	6.5	42	62	40*8*17*2	28	63	8500
500	272	100	141	154	95	72	100	6.5	56	62	54*10*22*4	38	69	7000
1000	328	120	148	159	95	72	107	8.5	78	82	78*14*27.5*4	48	70	6000
2000	385	120	162	167	94	72	125	8.5	105	82	103*16*31.5*4	55	74	5000
3000	385	120	172	176	95	72	132	8.5	100	82	98*18*36.5*4	65	80	4200

--- Specifications / 规格参数 ---

P-1/2

Excitation/激励电压	±12V DC
Rated Output/额定输出	TTL Square wave output@5V Torque: 5kHz~15kHz Speed: 60 pulses/Rev.
Zero Balance/零点输出	10kHz
Nonlinearity/非线性	±0.2% of F.S.
Hysteresis/滞后	±0.2% of F.S.
Nonrepeatability/非重复性	±0.2% of F.S.
Creep/蠕变(10min)	±0.1% of F.S.
Safe Overload/安全过载	150% of F.S.
Ultimate Overload/极限过载	200% of F.S.
Working Temperature/工作温度	-10...+60°C
Ingress protection/防护等级	IP50
Material of Element/弹性体材料	Alloy steel/合金钢
Cable/导线	Ø6*5000mm shielded cable (Mating connector included)

Ordering code

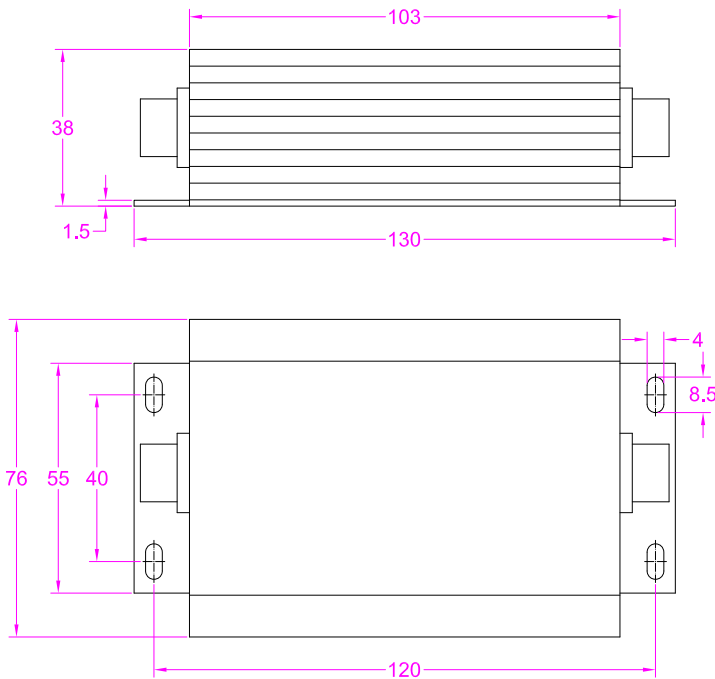
**FYH-20-9000**

Torque range  
(NM)

Rotating speed(RPM)

• Subject to change without notice / 如有更改,不另行通知

# Frequency to Analog converter



## Ordering code

**FAB-A-A**

- Power supply
  - A:  $\pm 12V$  DC
  - B: 24V DC
- Output
  - A: Torque:0~2.5~5V; Speed:0~5V
  - B: Torque:0~5~10V; Speed:0~10V
  - C: Torque:-5~0~5V; Speed:0~5V
  - D: Torque:-10~0~10V; Speed:0~10V
  - E: Torque:4~12~20mA; Speed:4~20mA

Function	Turn frequency signal into analog output
Power supply	$\pm 12V$ DC(or 24V DC)
Output	Refer to ordering code
Accuracy	0.2% F.S.
Housing	Aluminum alloy
Ingress protection	IP50
Cable	$\varnothing 5 \times 3000$ mm with mating connector

P-2/2

## Wiring example of Torque sensor&signal converter

