



Capacity(NM)	Rotating speed	L	H	W	A	B	C	L1	D	E*F* No. of keyway	H1	H2	J	K	h	a	b	W1
2/5/10/20/30/50/100	0~12000RPM	175	103.5	100	22	27.5	30	2	18	11.5*6*2	53.5	88.5	111	6.5	10	83	80	70
200/300/500	0~10000RPM	198	118.5	114	30	33	35	7	28	17*8*2	61	103.5	114	6.5	10	97	84	85
1k/1.5k/2k	0-6000RPM	288	161.5	175	60	65	70	7	45	26*14*4	89	151.5	134	9	18	142	94	125
3k/5k	0-4000RPM	355	200.5	220	93	97	100	7	75	42*20*4	110.5	190.5	141	11	20	181	100	160

--- Specifications / 规格参数 ---

Capacity/量程	0~5000NM
Rotating speed/转速	0-12000RPM
Excitation/激励电压	<b>Refer to ordering code</b>
Rated Output/额定输出	
Sampling Rate/推荐采样频率	<200Hz
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	IP40
Material of Element/弹性体材质	Stainless steel/不锈钢
Material of Housing/外壳材质	Aluminum alloy/铝合金
Cable/导线	Ø6*3000mm with mating connector Ø6*3000mm 屏蔽线

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3m cable with mating connector  
(Choose one from above two cables)

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

## Ordering code

### Torque Measurement Only

Ordering code

FYTH - 50 - A

Torque range  
(NM)

Code	Excitation	Torque output
A	24V DC	-5-5V
B		-10-10V
C		4-12-20mA
D	12V DC	-5-5V
E		4-12-20mA
F		-3.3-3.3V
G		0-1.65-3.3V
H		0-2.5-5V
I		-3.3-3.3V
J	24V DC	0-1.65-3.3V
K		0-2.5-5V
L		0-5-10V
Consult us for other configurations		

### Torque & Speed Measurement

Ordering code

FYTH- 50 - 5000-A

Torque range  
(NM)

Rotating speed  
(RPM)

Code	Excitation	Torque output	Speed output
A	24V DC	-5-5V	0-5V
B		-10-10V	0-10V
C		4-12-20mA	4-20mA
D	12V DC	-5-5V	0-5V
E		4-12-20mA	4-20mA
F		-3.3-3.3V	0-3.3V
G		0-1.65-3.3V	0-3.3V
H		0-2.5-5V	0-5V
I		-3.3-3.3V	0-3.3V
J	24V DC	0-1.65-3.3V	0-3.3V
K		0-2.5-5V	0-5V
L		0-5-10V	0-10V
Consult us for other configurations			

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Order example:

1pc FYTH-100-10000-A

1pc FYTH-8P-3M