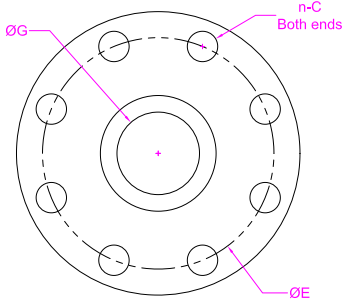
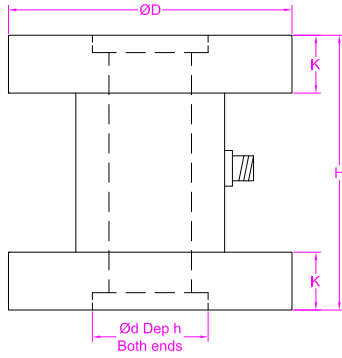
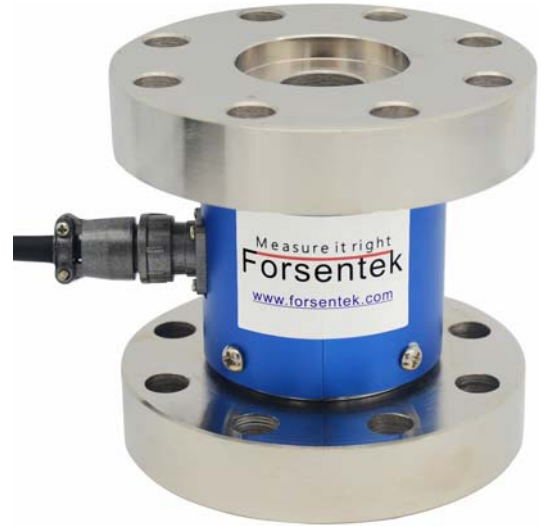
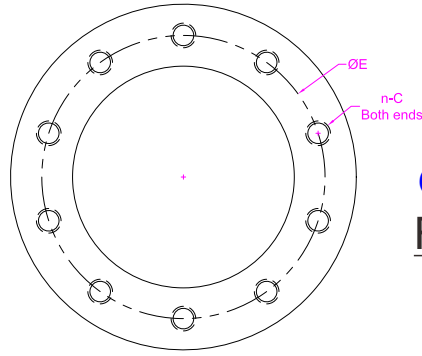
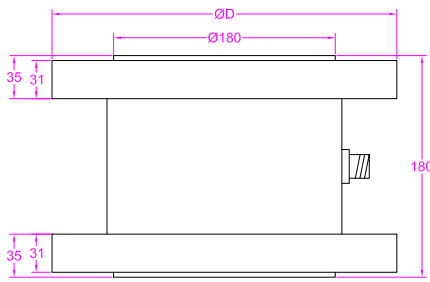


200~10kNM



20k~100kNM

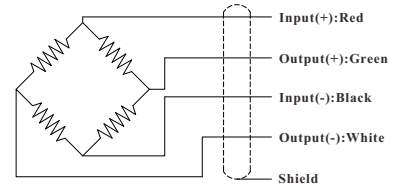


Ordering code
FT03-500NM

Model Capacity

P-1/2

Wiring Diagram



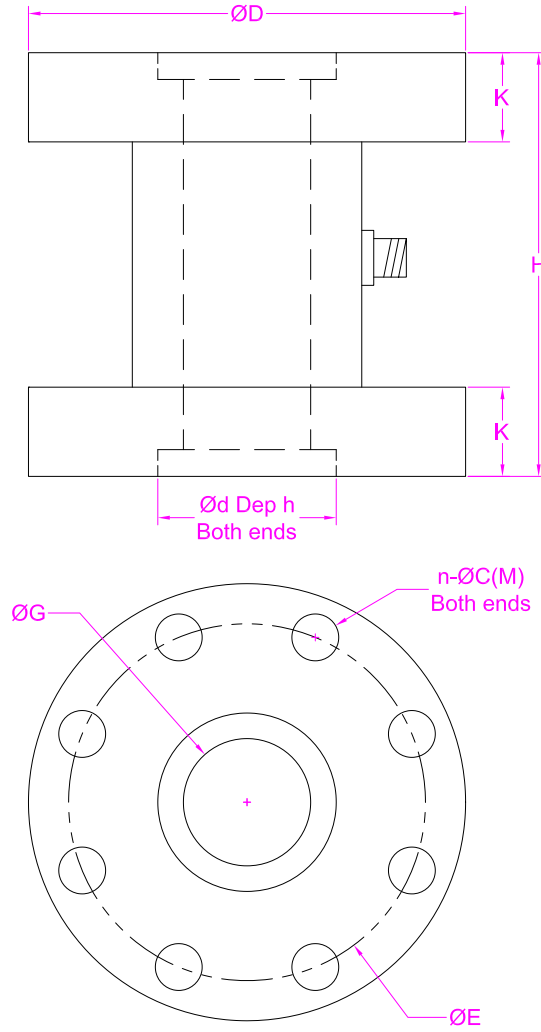
Capacity(NM)	D	H	d	h	K	n-C	E	G
200~1000	98	95	40	6	20	8-Ø10.5	80	20
2k/3k/5k	125	95	50	6	20	8-Ø12.5	105	40
10k	190	160	80	6	30	8-Ø19	160	30
20k/30k/40k/50k	280	/	/	/	/	10-M20	230	/
60k/70k/80k/100k	290	/	/	/	/	8-M24	240	/

--- Specifications / 规格参数 ---

Capacity/量程	200/300/500/1k/2k/3k/5k/10k/20k/30k/40k/50k/60k/70k/80k/100k NM		
Rated Output 额定输出	1.5 mV/V	Compensated Temp. 温度补偿范围	-10...+40°C
Excitation 激励电压	3~15V	Operating Temp. 工作温度范围	-20...+60°C
Zero Balance 零点输出	±2% of R.O.	Temp. Shift Zero 零点温度漂移	±0.02% of R.O./°C
Nonlinearity 非线性	≤10k: ±0.25% R.O. ≥20k: ±0.5% R.O.	Temp. Shift Span 灵敏度温度漂移	±0.02% of R.O./°C
Hysteresis 滞后	≤10k: ±0.25% R.O. ≥20k: ±0.5% R.O.	Input Resistance 输入阻抗	700±100Ω
Nonrepeatability 非重复性	≤10k: ±0.1% R.O. ≥20k: ±0.2% R.O.	Output Resistance 输出阻抗	700±5Ω
Creep(10min) 蠕变(10min)	±0.1% R.O.	Insulation Resistance 绝缘阻抗	>5000MΩ(50V)
Safe Overload 安全过载	150% F.S.	Ingress Protection 防护等级	IP62
Ultimate Overload 极限过载	200% F.S.	Material of Element 弹性体材料	Alloy steel 合金钢
Cable 导线	Ø5*3000mm 4-core shielded cable with mating connector Ø5*3000mm 4芯屏蔽线		
R.O.=Rated Output/额定输出 F.S.=Full Scale/满量程			

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

Custom torque sensor



P-2/2

Capacity(NM)		Quantity	
H		K	
D		E	
n		C(M)	
d		h	
G		/	/
Other requirements			

- For dimensions that don't matter, please fill in "Given by design" or acceptable range like "25~40mm".
- Drawings provided by clients are also welcome.
- Forsentek will evaluate the feasibility upon the given parameters and propose modifications accordingly to make it work.