

# ATSB SERIES

Ultra-Thin Torque Sensor



AIDIN ROBOTICS

# ATSB SERIES

## 특장점

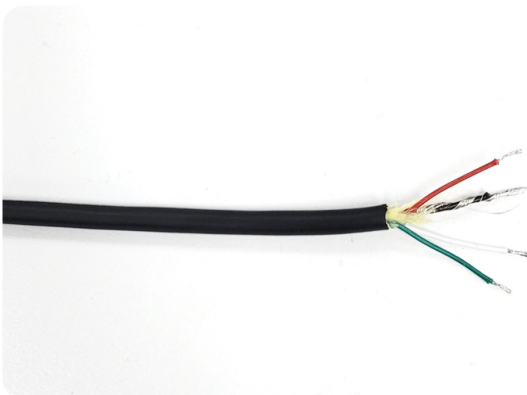
- 초박형 관절 토크센서
- 올인원 타입으로 별도의 증폭장치가 필요 없음
- 디지털 통신방식 지원 (CAN 등)
- 쉬운 설치가 가능하며 데이터 수집 확보에 용이
- 협동로봇, 산업용 로봇, 자동화 장비 등에 사용



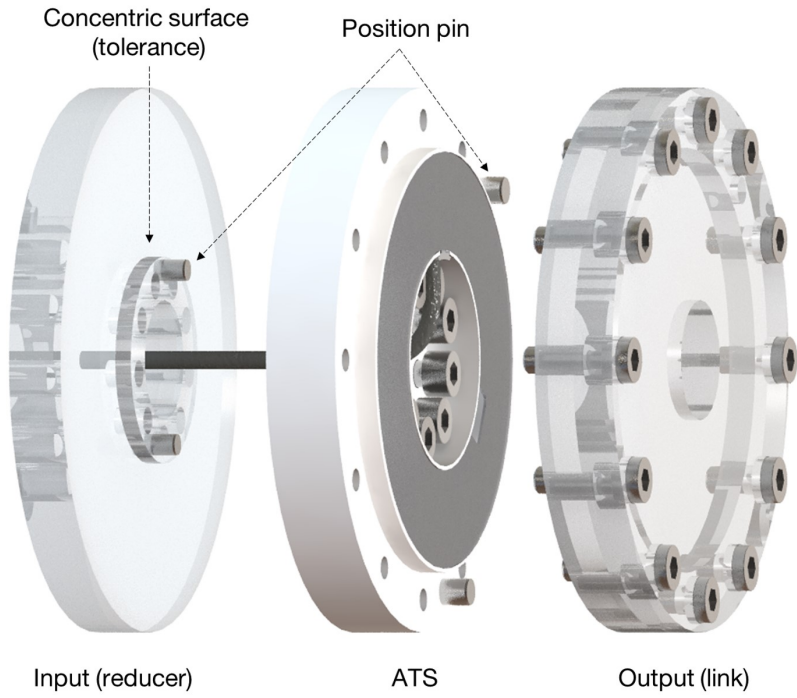
## 사양표

Index	Unit	Value			
		ATSB50	ATSB100	ATSB200	ATSB400
Operating voltage	VDC	5			
Max. safe excitation voltage	VDC	10			
Nominal torque range ( $T_N$ )	Nm	50	100	200	400
Overload (related to $T_N$ )	%	300			
Resolution	Nm	0.03	0.05	0.1	0.2
Weight	g	120	190	210	310
Dimensions	mm	D84 x H14	D100 x H16	D100 x H18	D120 x H20
Sample rate	Hz	1,000			
Interfaces		CAN (2.0 A/B)			
Temperature		10-60 °C			
Connector		4 PIN VCC / GND / CAN_H / CAN_L			

## Pin out

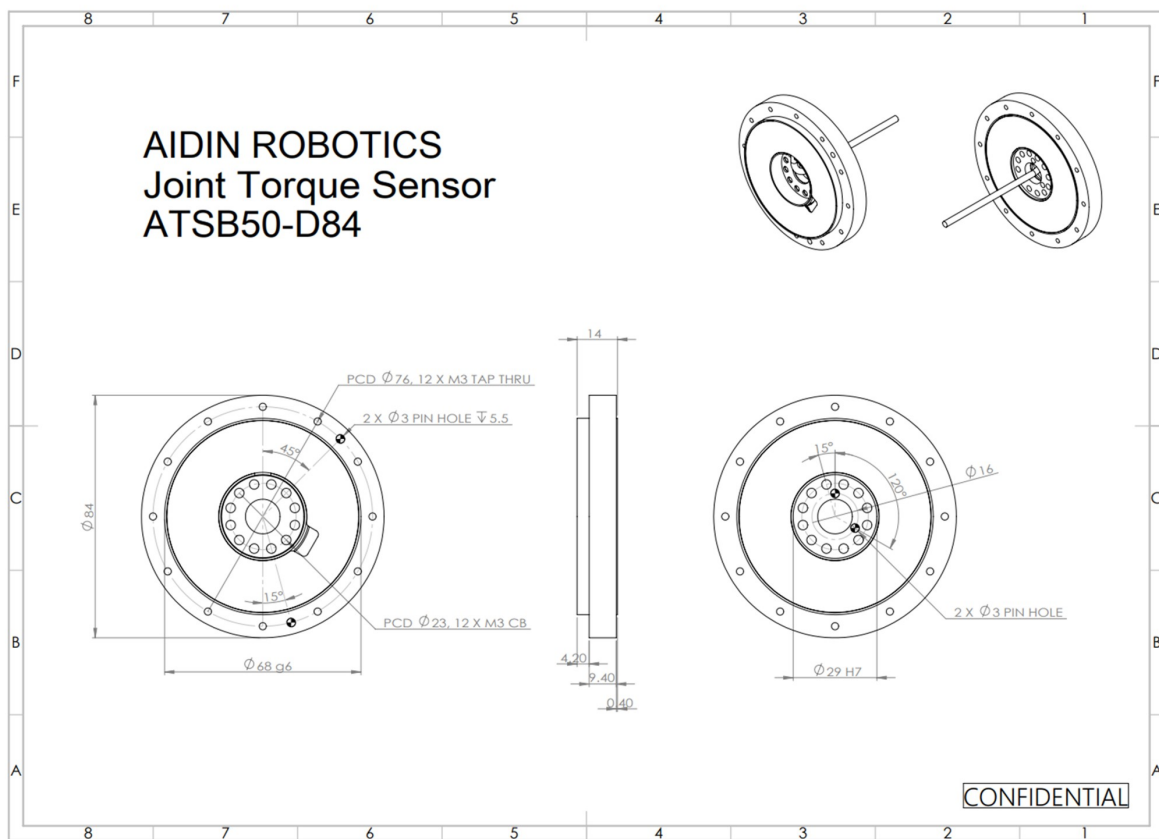


Pin	Signal	Color
1	Vin	Red
2	GND	Black-twisted
3	CAN_HIGH	White
4	CAN_LOW	Green

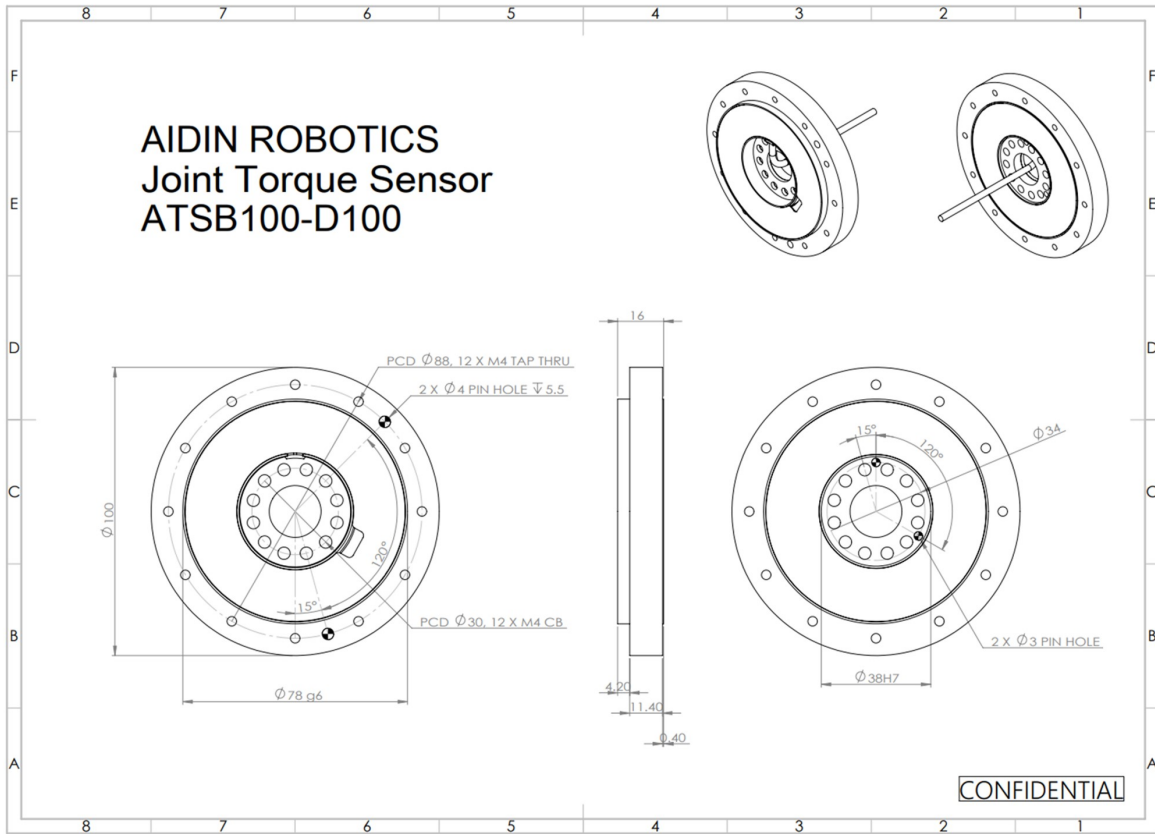


\*Transparent parts are user part examples

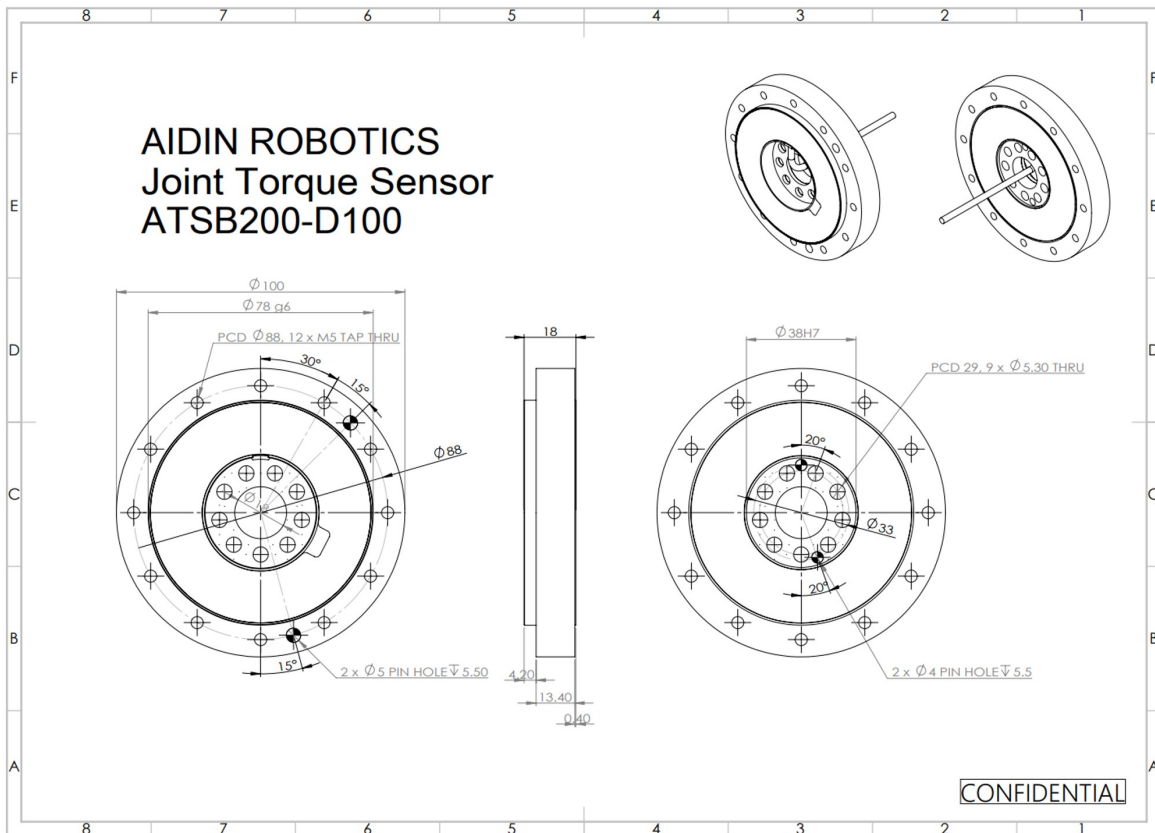
# 도면

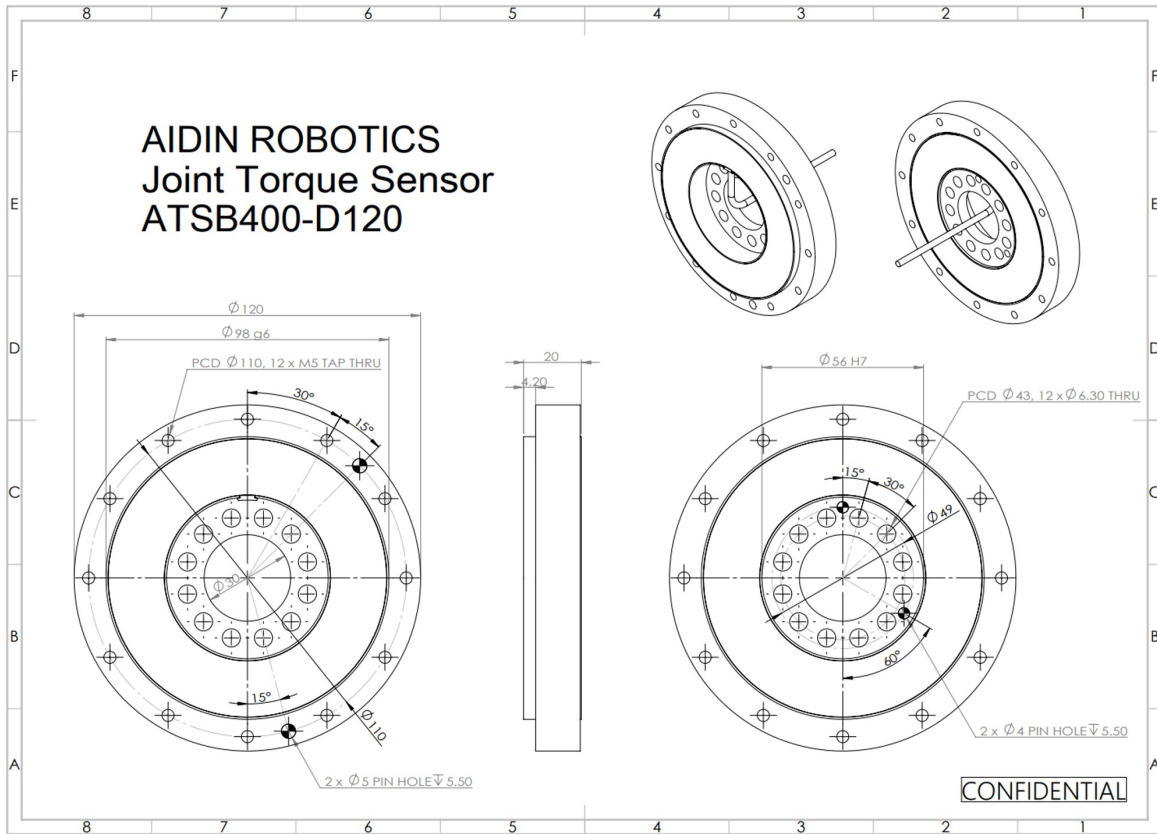


**AIDIN ROBOTICS**  
**Joint Torque Sensor**  
**ATSB100-D100**



**AIDIN ROBOTICS**  
**Joint Torque Sensor**  
**ATSB200-D100**





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