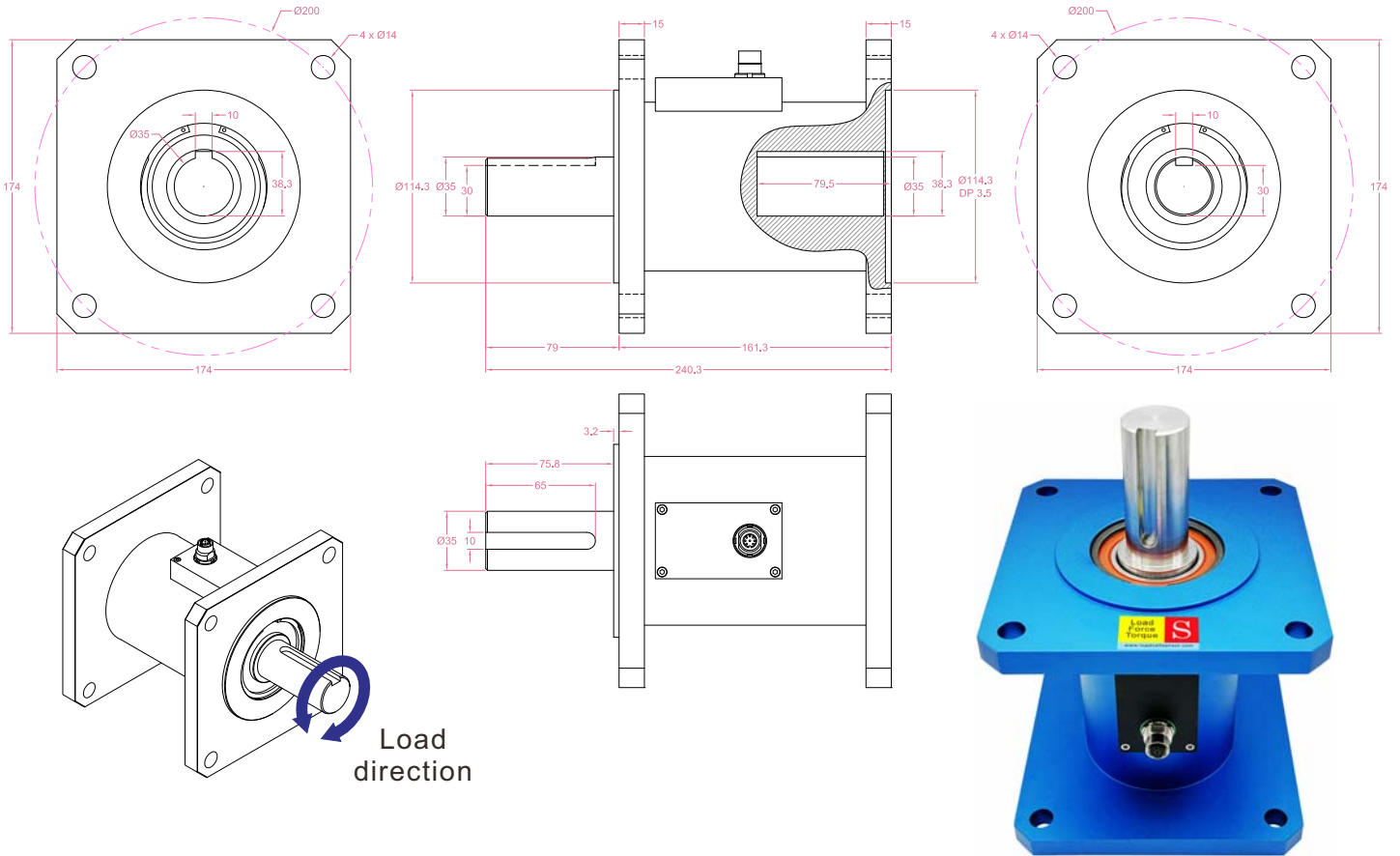




Dimensions in "mm"



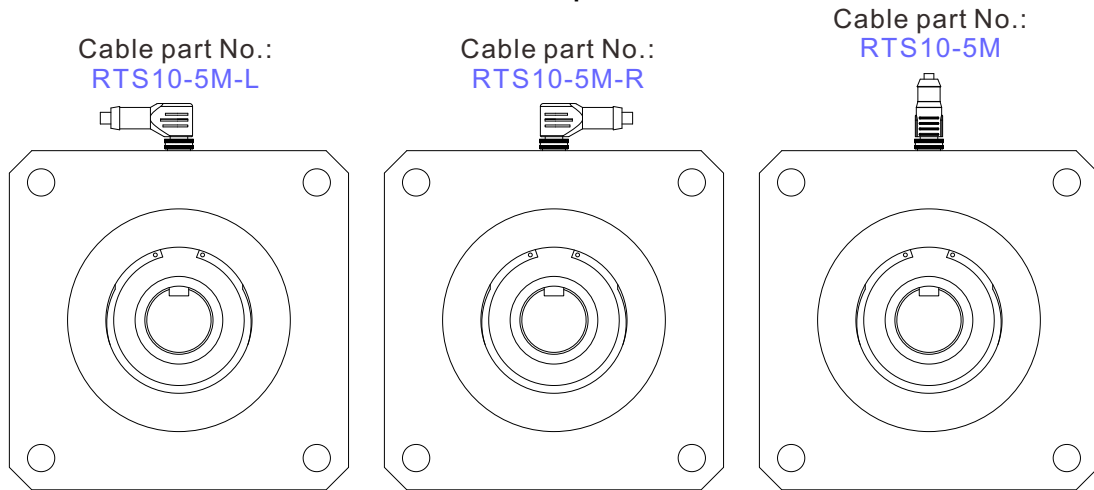
Specifications	
Torque Capacity	50/100/200/300/500 Nm
Speed Capacity	Up to 6000RPM
Power Supply	12 or 24V DC
Rated Output	Refer to ordering part No.
Sampling Rate	200Hz
Nonlinearity	±0.25% F.S.
Hysteresis	±0.25% F.S.
Nonrepeatability	±0.2% F.S.
Creep(5min)	±0.1% F.S.
Safe Torque Limit	150% F.S.
Breaking Torque	180% F.S.
Operating Temp.	-10...+60°C
IP Rating	IP40
Element Material	Stainless steel
Housing Material	Aluminum alloy
Cable	Ø6*5000mm with mating connector

• LCS reserves the right to modify its design and specifications without notice





Cable Options



Ordering part No.

Torque And Speed Measurement						
Ordering part No.: Model - Torque capacity - Speed capacity - Code						
Model	Torque capacity (Nm)	Speed capacity (RPM)	Code	Power supply	Torque output	Speed output
RTS10	50 100 200 300 500	0~6000	A	24V DC	-3.3-3.3V	0-3.3V
			B		0-1.65-3.3V	
			C		-5-5V	0-5V
			D		0-2.5-5V	
			E		-10-10V	0-10V
			F		0-5V-10V	
			G	4-12-20mA	4-20mA	
			H	12V DC	-3.3-3.3V	0-3.3V
			I		0-1.65-3.3V	
			J		-5-5V	0-5V
			K		0-2.5-5V	
			L		4-12-20mA	4-20mA

Example: **RTS10-100-5000-C** means:
 Model: RTS10
 Power supply: 24V DC
 Torque channel: -100Nm~100Nm VS -5-5V
 Speed channel: 0~5000RPM VS 0-5V

Wiring code	
Red	Power+
Black	Power-
Green	Torque output+
Yellow	Speed output+
White	Output-
Bold Yellow	Shield

Order example:

Sensor: 1 x **RTS10-50-6000-E**

Cable: 1 x **RTS10-5M-L**

Email to sales@loadcellsensor.com for a quote

