

Low profile disk load cells

Features

- Product Features
- Range: 5kg...5000kg
- Compact structure, low profile
- Aluminum/stainless steel
- Two-way force measurement, both tension and compression
- Protection level IP65

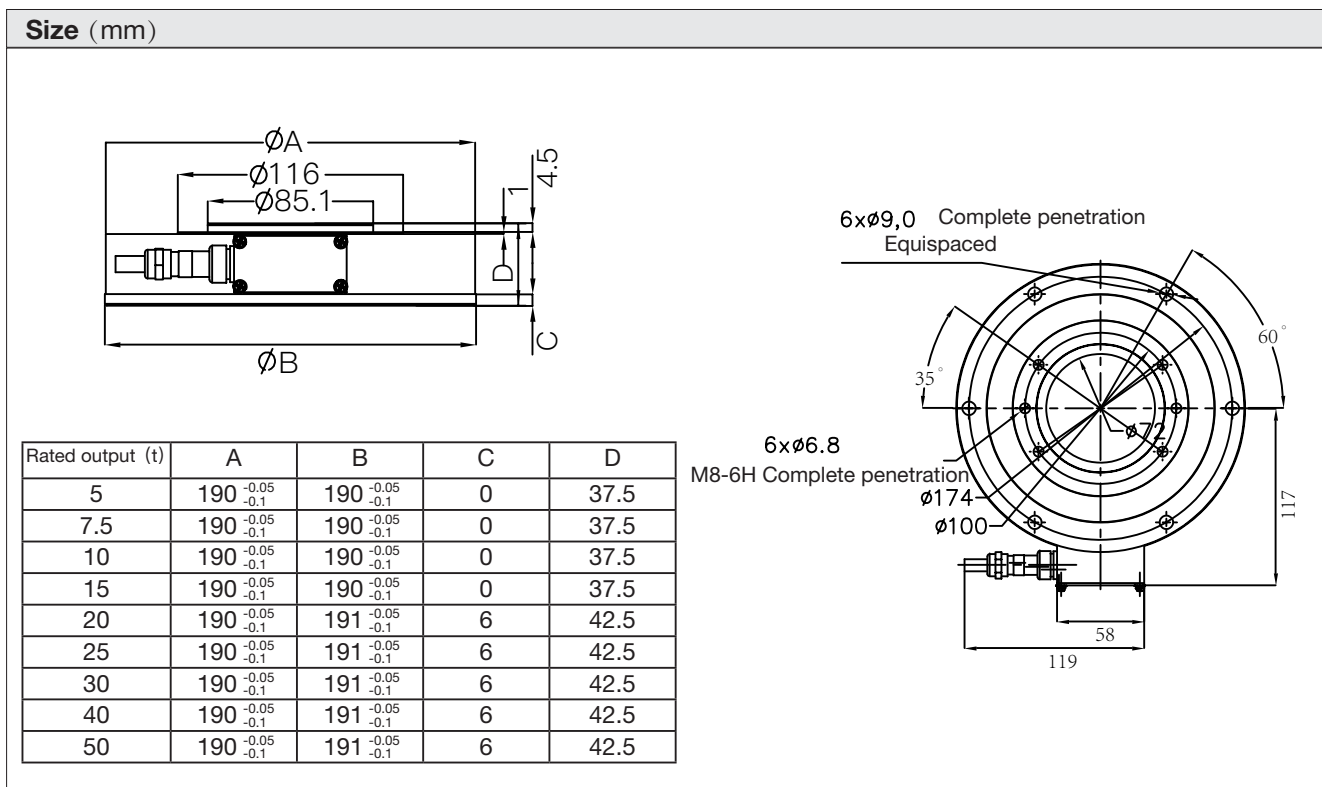
Application

- Testing machine
- Dynamometer
- Force measuring device



Description

LCD800 is a low-profile round plate weighing force sensor made of alloy steel, with nickel plating on the surface and optional stainless steel. Protection level IP66/68, can be used in corrosive and water-flushing environments. It can be used alone with a transmitter, or multiple units can be used on the tank with appropriate mounting accessories, which can well resist eccentric loading and reverse loading.



LCD822 称重传感器

Specification		
Rated load	5,7.5,10,15,20,25,30,40,50	t
Rated output	1.2-2	mV/V
Comprehensive Error	±0.5	%R.O.
Creep (after 30 minutes)	±0.1	%R.O.
Repeatability	±0.3	%R.O.
Normal operating temperature range	-10~+40	°C
Allowable operating temperature range	-20~+70	°C
Effect of temperature on zero point	±0.2	%R.O./10°C
Effect of temperature on sensitivity	±0.2	%R.O./10°C
Recommended excitation voltage	10	VDC
Input impedance	700±10	Ω
Output impedance	700±5	Ω
Insulation Resistance	≥3000 (50VDC)	MΩ
Safe overload	120	%R.C.
Limit overload	200	%R.C.
Material	Alloy steel	
Protection Class	IP66	
Cable length	5	m

Product specifications are subject to change without notice.

Wiring

