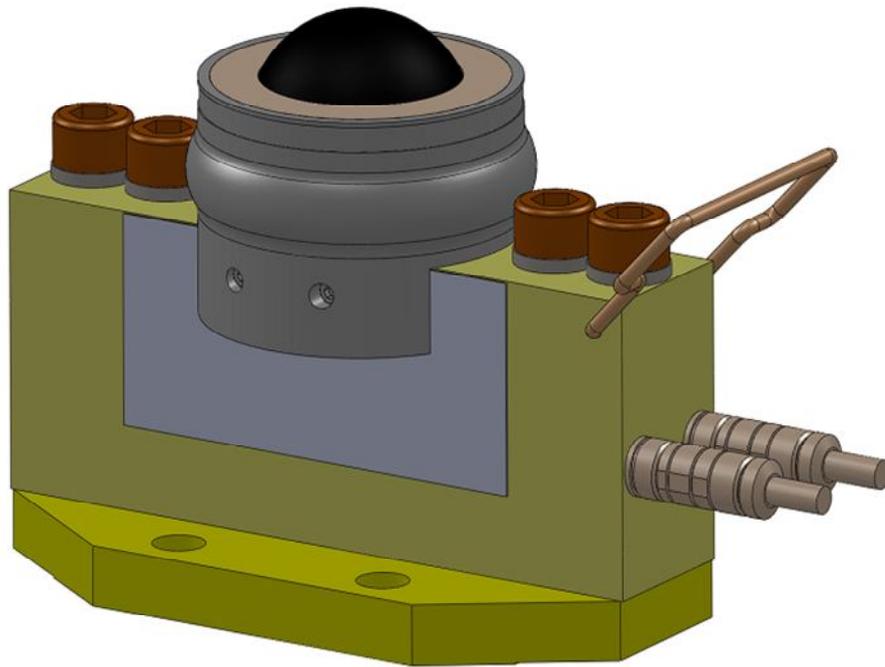
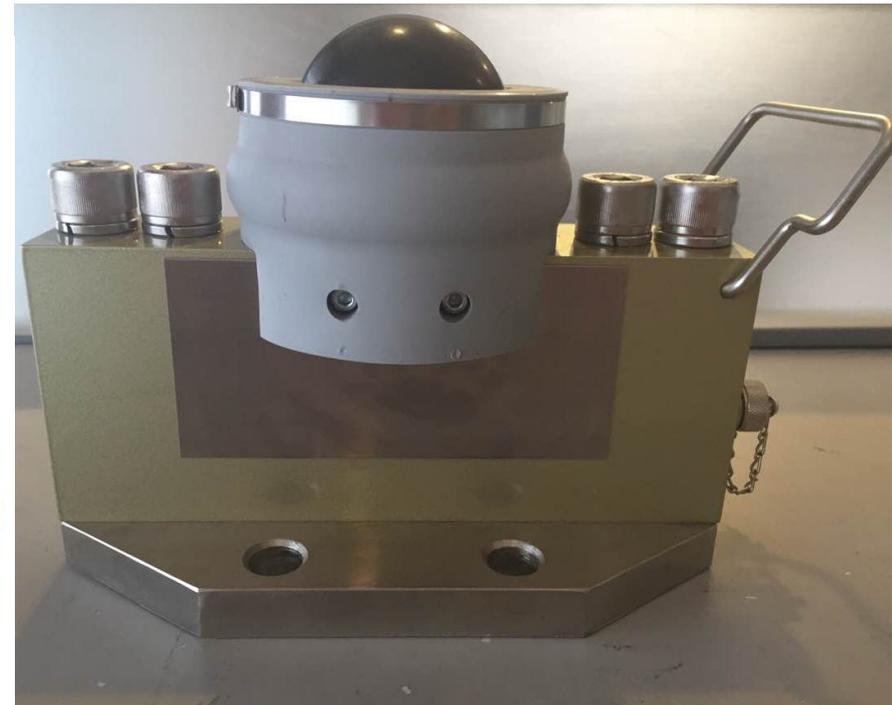


EDS-D (ZE-B) digital truck scale LC

☆ **Patented products** ("Excellent Damping Sensor")

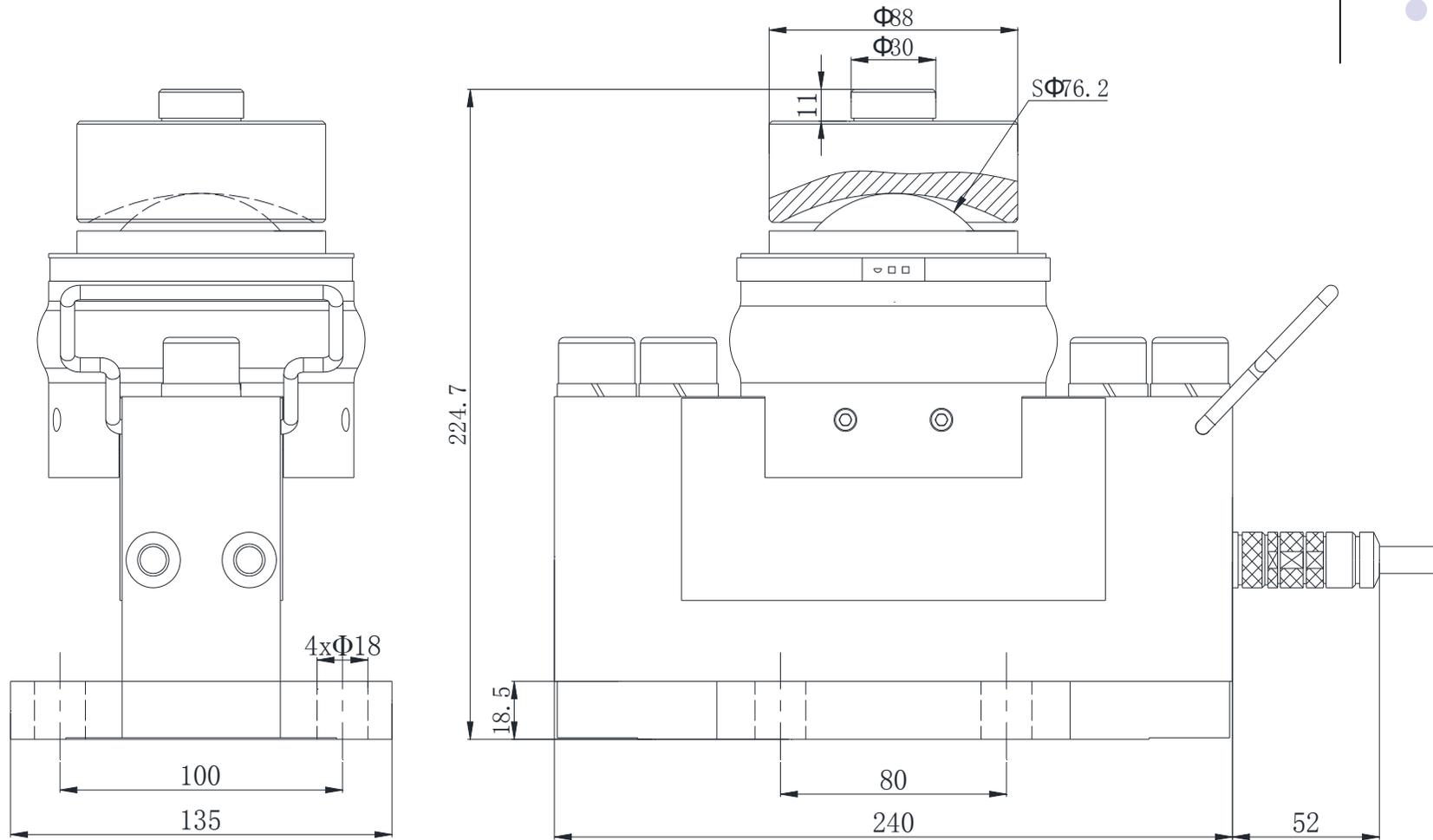


3-dimensional diagram



real product

Installation dimensions



Technical parameters



- Rated capacity 10t~40t
- Refresh speed 15 times/s
- Baud rate 9600BPS
- Total accuracy $\leq 0.02\%FS$
- Creep error (30min) $\leq 0.016\%.FS$
- Water protection class IP68
- Working temp range $-30^{\circ}C \sim 70^{\circ}C$
- Max safe overload 150%.FS
- Ultimate overload 300%.FS
- Recommend input V 9V~12V
- material alloy/stainless steel
- Cable length 7m(double plugs);
connecting cable to indicator: 20m
- (single plug) (standard)
- Note: metal shield cable with transparent tube

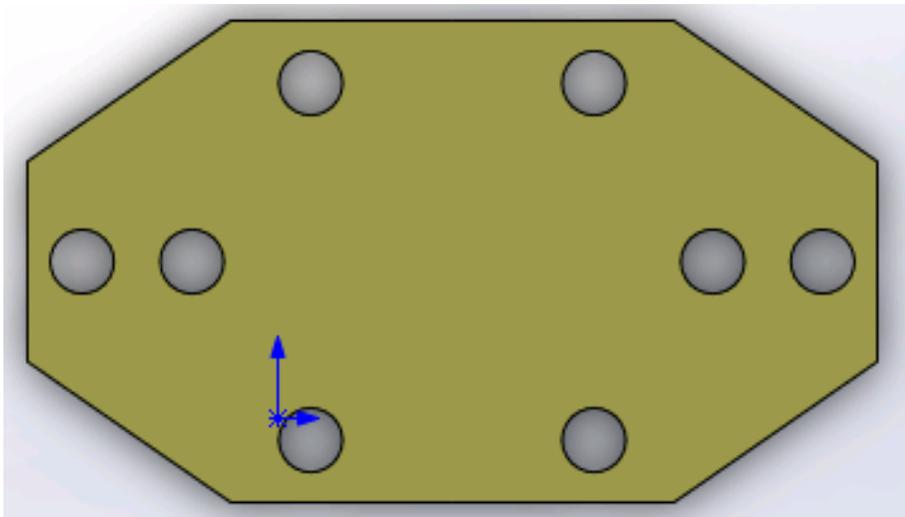
Introduction



- A new structure truck scale LC
- 1、 Before we use double ended shear beam structure, EDS use Integrated structure, elastic body and basement are connected by two screws for good long-term stability.
- 2、 with stainless steel plate & silicon rubber protection, EDS can avoid ice in cold areas; meanwhile prevent illegal acts adding remote control device in strain hole, also protect the damage by debris when cleaning scale platform.
- 3、 with hand pulling rings, more convenient transportation, meanwhile steel ball can act balance and damping
- 4、 Surge protection: max 80kA;
- 5、 two plugs for series connection, single plug, and cable type are optional. Series connection is big advantage, setting scale fast, avoid human mistake, IP68, weight data fast & stable & accurate than shear beam type.

Core advantages

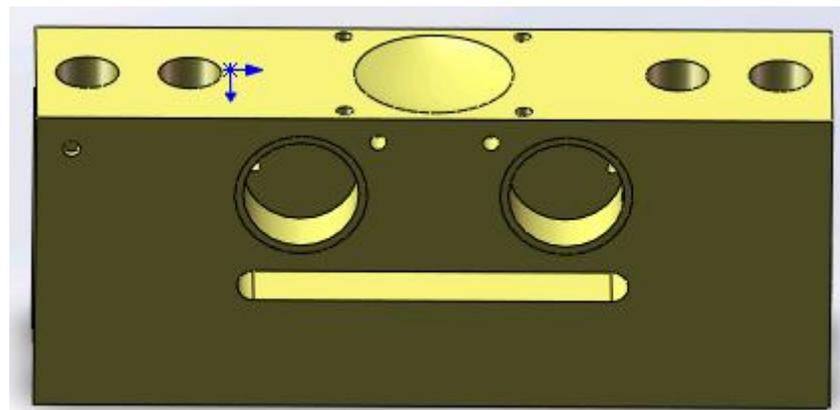
1、 basement is stronger design, no worry about deformation or warping.



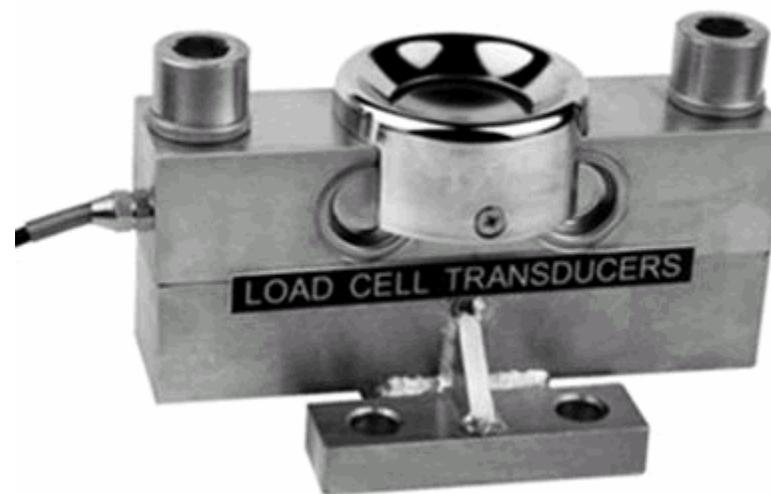


2、Integrated elastic body, eliminating instability factors by traditional assembly structure, avoiding screw preload influence on ZERO and sensitivity.

- EDS

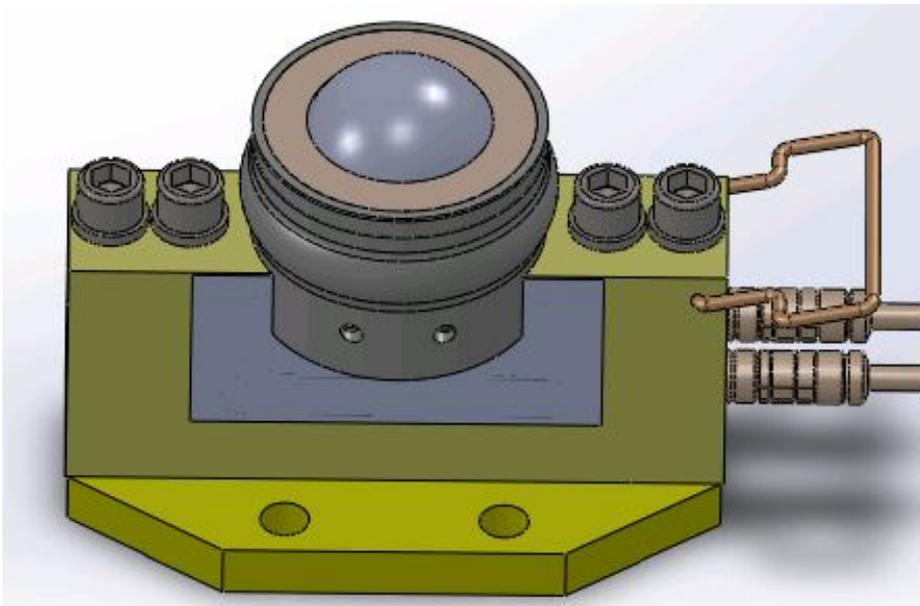


QS

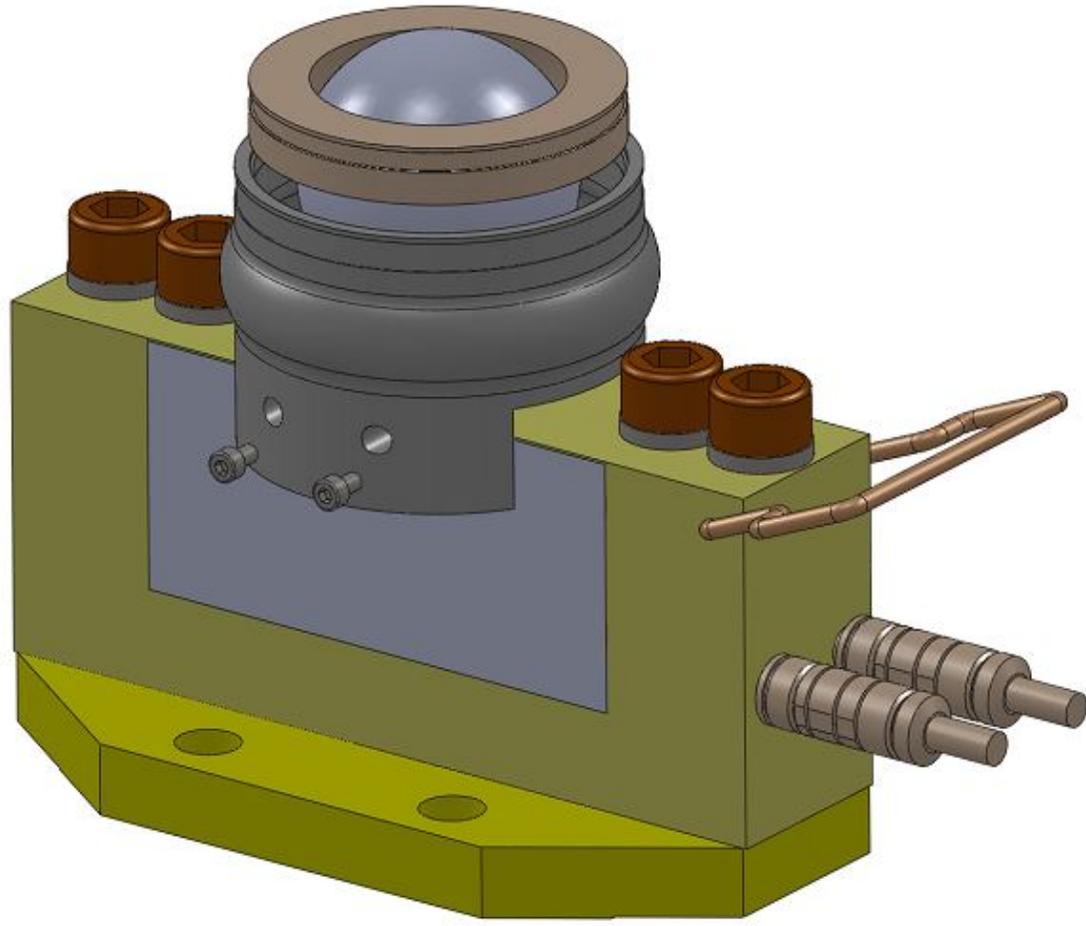
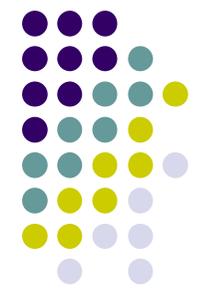




3、 With steel ball embedded design & self closed, prevent sand, dust, or other debris rolling into, to guarantee ball roll freely, alignment fast, scale set directly without adjust.

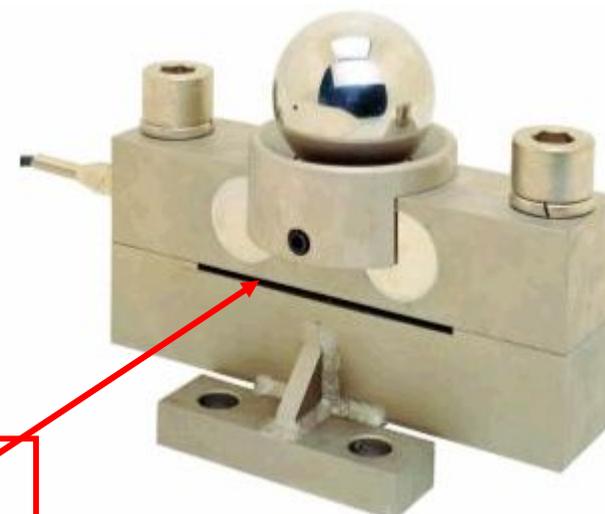
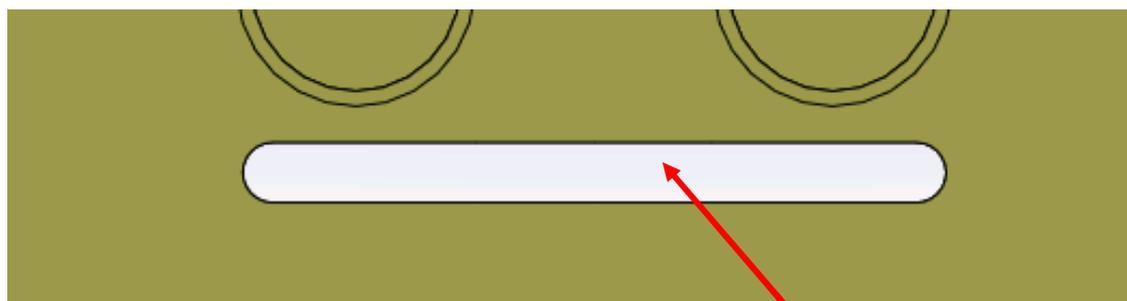


4、 using rubber sleeve, nylon gland and active rest, avoid any load cell roll off center, to make sure overall stability time shorten to 3~5 seconds from old 5~8 seconds.

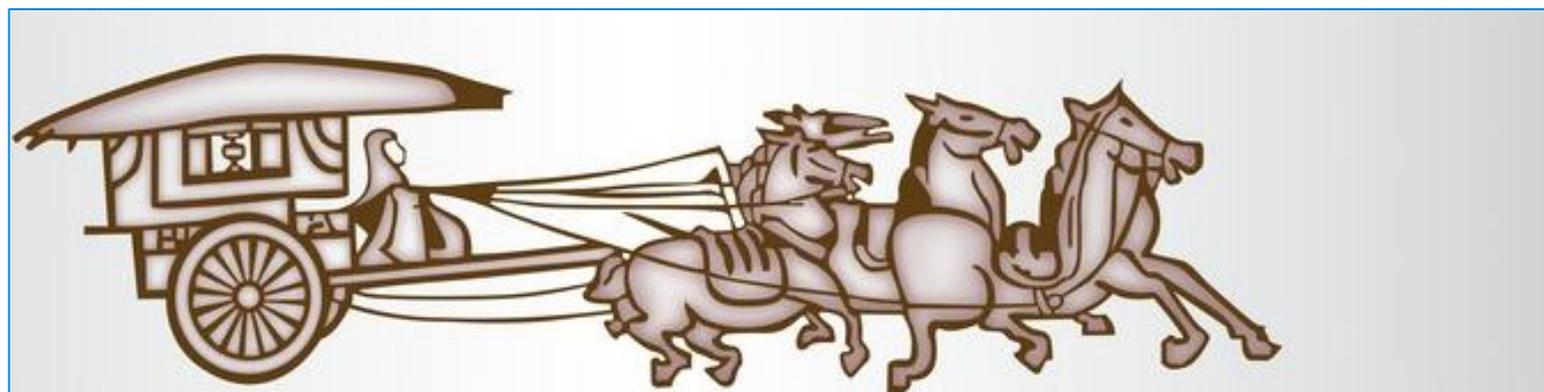


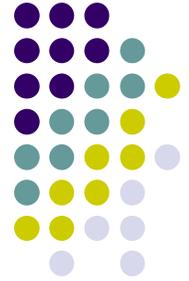


5、 Elastic strain groove can be effectively sealed to IP67, to avoid internal water or ice caused by rain or snowy whether.

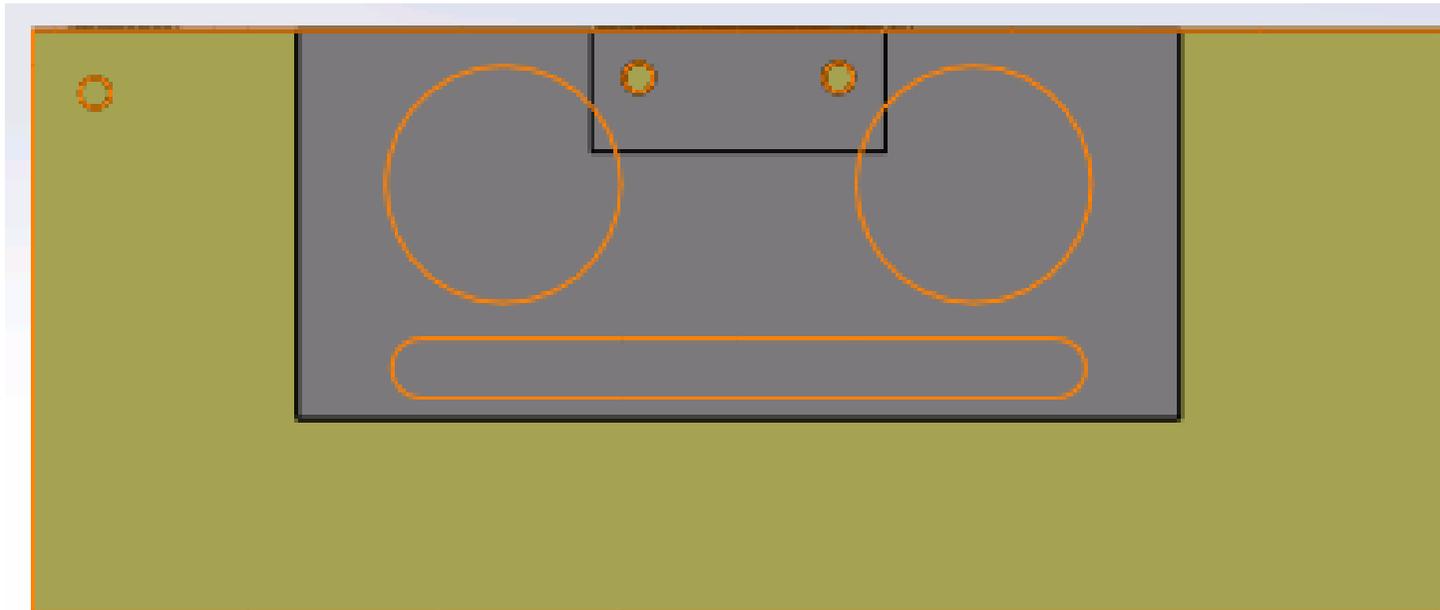


Strain groove

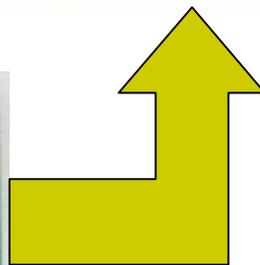
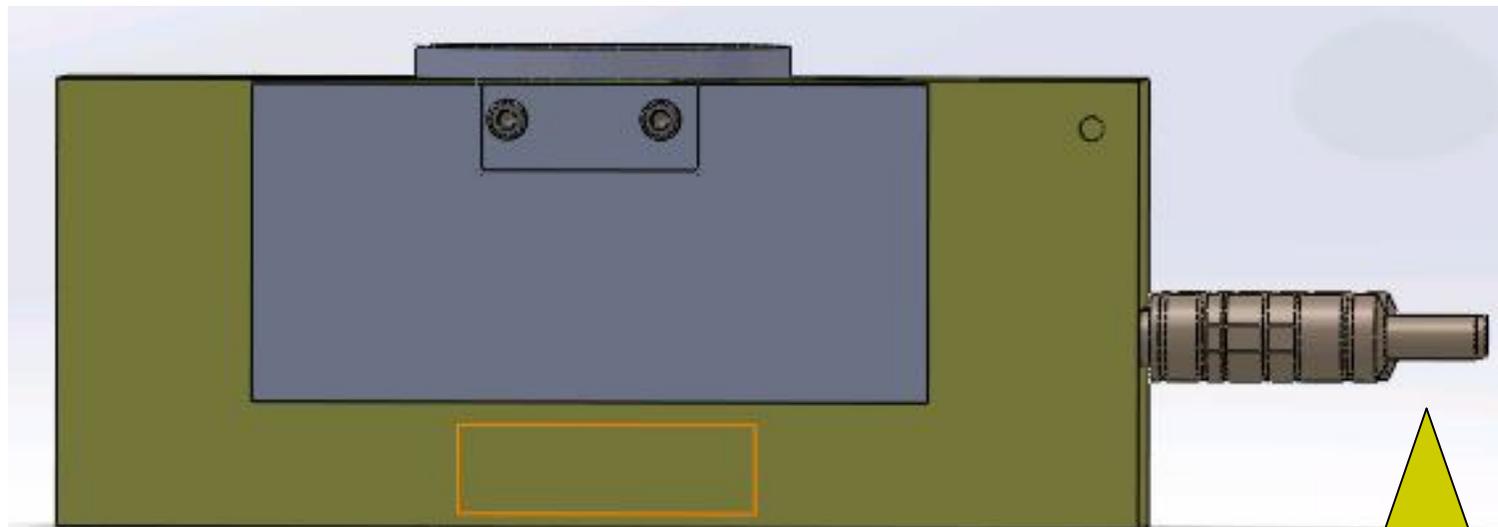
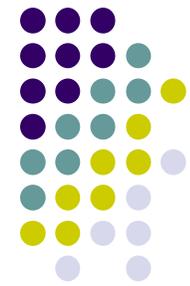




6、 strain hole sealing diaphragm is covered by 0.8mm thickness stainless steel for second protection, meanwhile cover stain groove, so EDS is good looking, and prevent any illegal remote control device in groove; and protect the sealing diaphragm broken by debris.

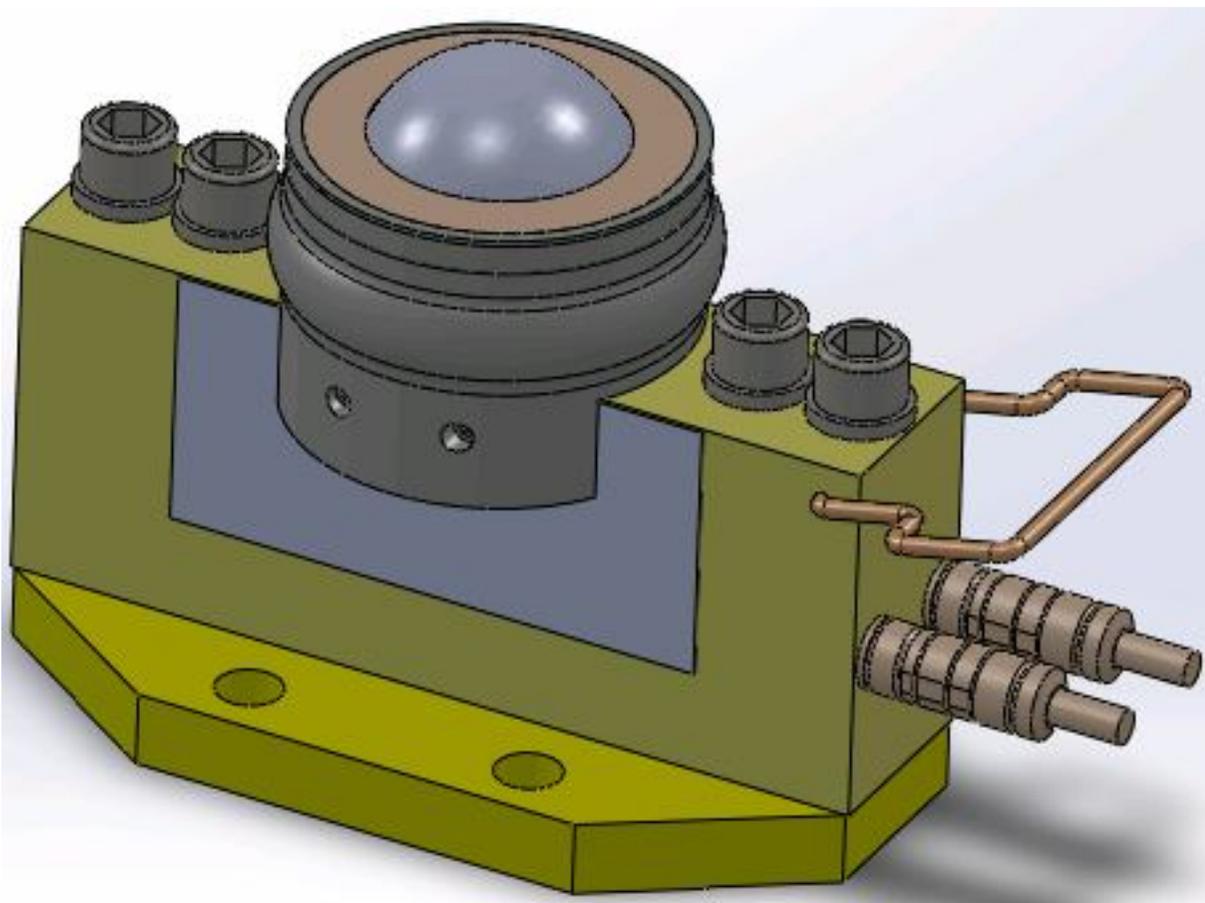


7、 two plugs for series connection, single plug, and cable type are optional. Series connection is big advantage, setting scale fast, avoid human mistake, IP68, surge protection max 80000A 。

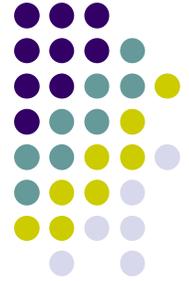




8、 Integrated structure can be designed to 17-4PH SS structure, suitable for chemical, corrosion special situation, hand pulling ring can help installation fast, and easily operation.



Steel ball is treated by high-temp phosphate, hydrogen technology, more anti-rust function.



Main technical specs:

- Digital load cell, high accuracy, more than C3;
- Alloy steel, stainless steel are optional, IP 68;
- Two plugs connector support series connection without junction box, whole scale IP68;
- Surge protection max 80KA;
- Metal shield cable with transparent tube, anti animal bit;
- Quick & Easy installation.

