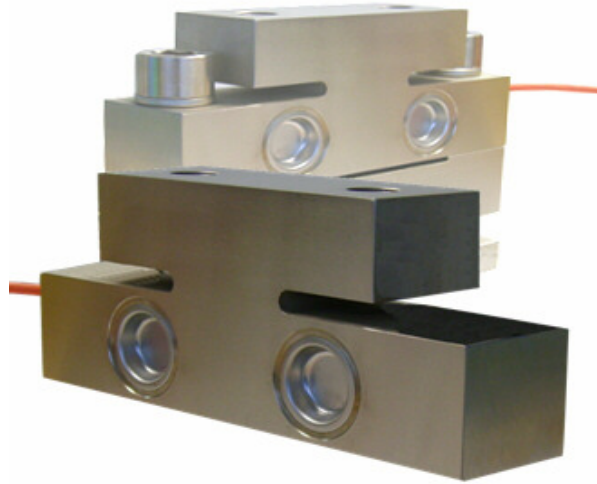


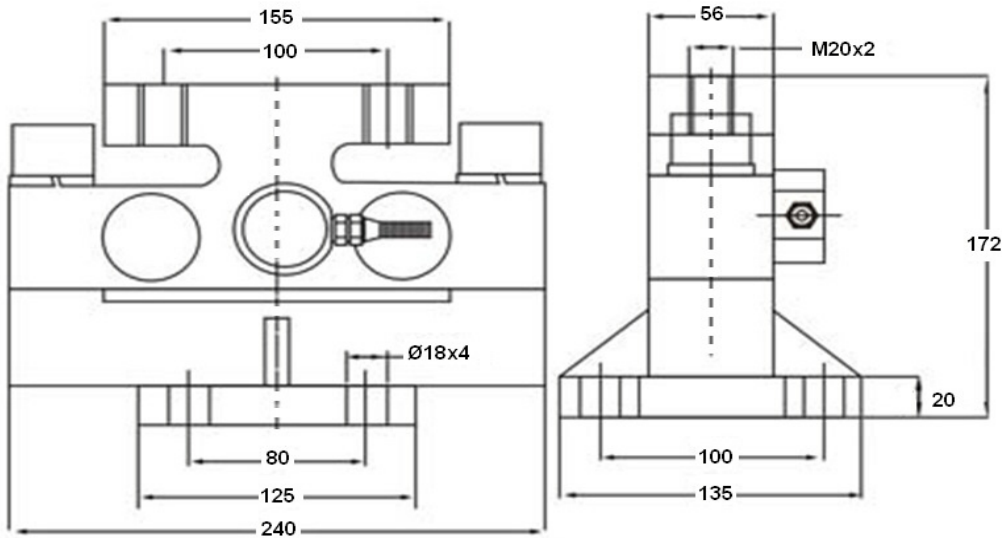
Type BY530 is a special type, alloy steel construction double ended shear beam loadcell and has been specifically designed for the high fatigue stresses, on board weighing, ship weighing, etc. applications.

Key features;

- Capacities; 10~40 tons
- Steel construction
- Protection IP67
- High accuracy



Dimensions (mm);



Color codes;

+input	blue
+output	white
-input	black
-output	red
shield	yellow

Technical specifications;

Capacity	ton	10 / 15 / 20 / 25 / 30 / 40
Output sensitivity	mV / V	2.0 ± 0.002
Temperature effect on zero	%FS / 10°C	≤ 0.03
Temperature effect on sensitivity	%FS / 10°C	≤ 0.02
Combined error	%FS	≤ 0.03
Creep	%FS	≤ 0.03
Input resistance	Ω	750 ± 10
Output resistance	Ω	702 ± 3
Insulation resistance	MΩ	≥ 5000
Zero balance	%FS	≤ 1
Temperature, operating	°C	-30...+70
Excitation, Recommended	V	5 - 12 (DC)
Excitation, Maximum	V	15 (DC)
Safe overload	%FS	150
Ultimate overload	%FS	300
Construction		Steel
Environmental protection		IP67
Cable		Length 14 m , diameter 6 mm

(Properties are subject to change without notification. 01 / 2009)