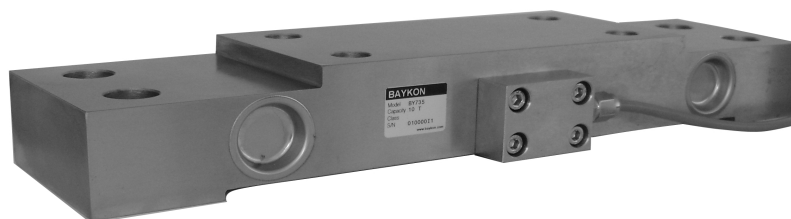


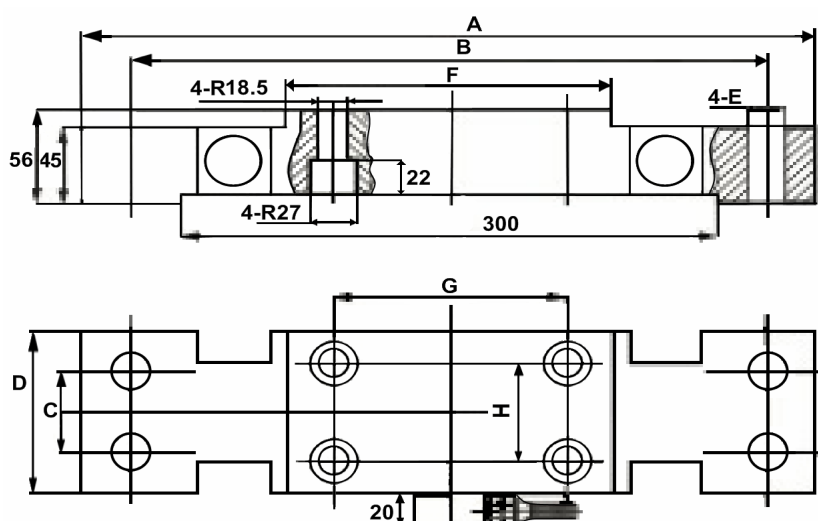
Type BY535 is a special type, alloy steel construction double ended shear beam loadcell and has been specifically designed for the high fatigue stresses, on board weighing, ship weighing, etc. applications.

Key features;

- Capacities; 1.5~10 tons
- Steel construction
- Protection IP68
- High accuracy



Dimensions (mm);



Size	Capacity		
	1,5t	2,5t	4 -10 t
A	350	410	410
B	310	355	355
C	38	50	50
D	75	100	100
E	Ø 18	Ø 21,5	Ø 21,5
F	151	181	211
G	100	130	160
H	40	60	60
J	Ø 17,5	Ø 17	Ø 17

Color codes;

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

Technical specifications;

Capacity	ton	1.5 / 2.5 / 4 / 5 / 7.5 / 10
Output sensitivity	mV / V	1.2 ± 0.002
Temperature effect on zero	%FS / 10°C	≤ 0.03
Temperature effect on sensitivity	%FS / 10°C	≤ 0.02
Combined error	%FS	≤ 0.1
Creep	%FS	≤ 0.05
Input resistance	Ω	750 ± 10
Output resistance	Ω	750 ± 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		IP68
Cable		Length 2 m , diameter 6 mm

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