

Delta Transducers

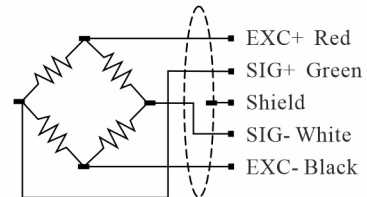
Model : SBLC

Features & Application

Tension and compression load cell with metal foil strain gauge technology and over load protection, made of stainless steel. Mainly used for pull and push dynamometer, hopper scale and industrial measuring systems.

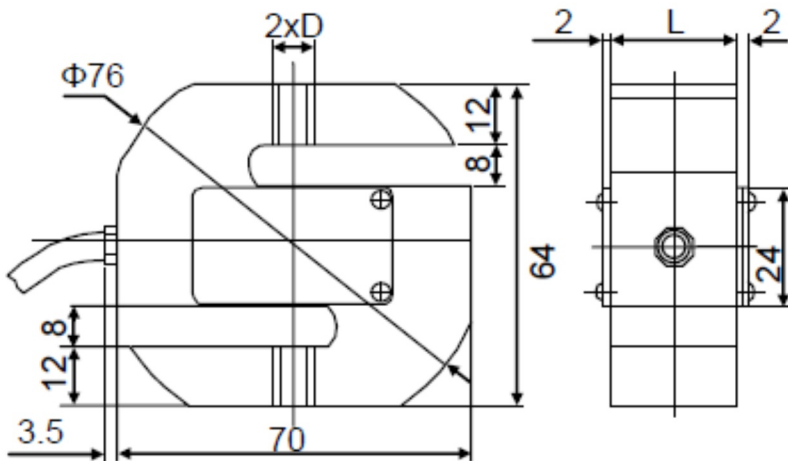


Wiring



Mounting Dimension

20~1000kg



(kg) Rated Load	D	L
20~150	M8	12
200~500	M12	20
700~1000	M12	25

(t) Rated Load	D(mm)	L(mm)	H
1.5~5	M20	32	88
7.5	M24	40	88

1.5~7.5t

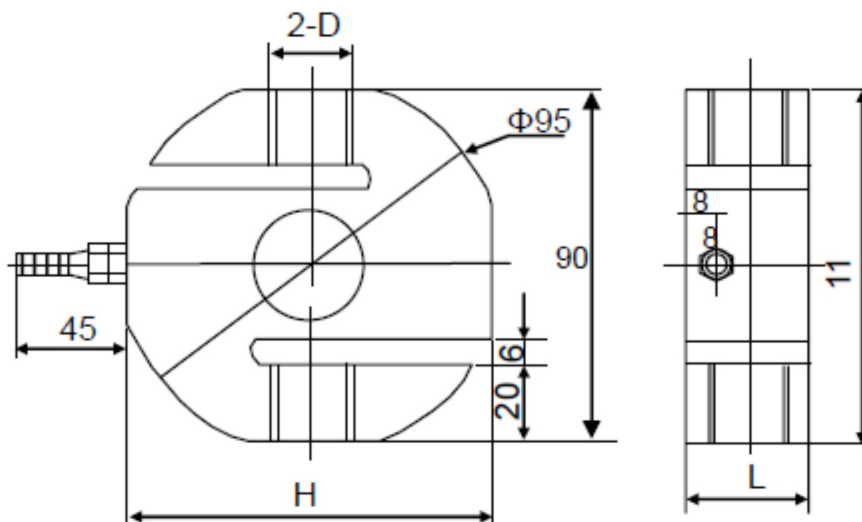
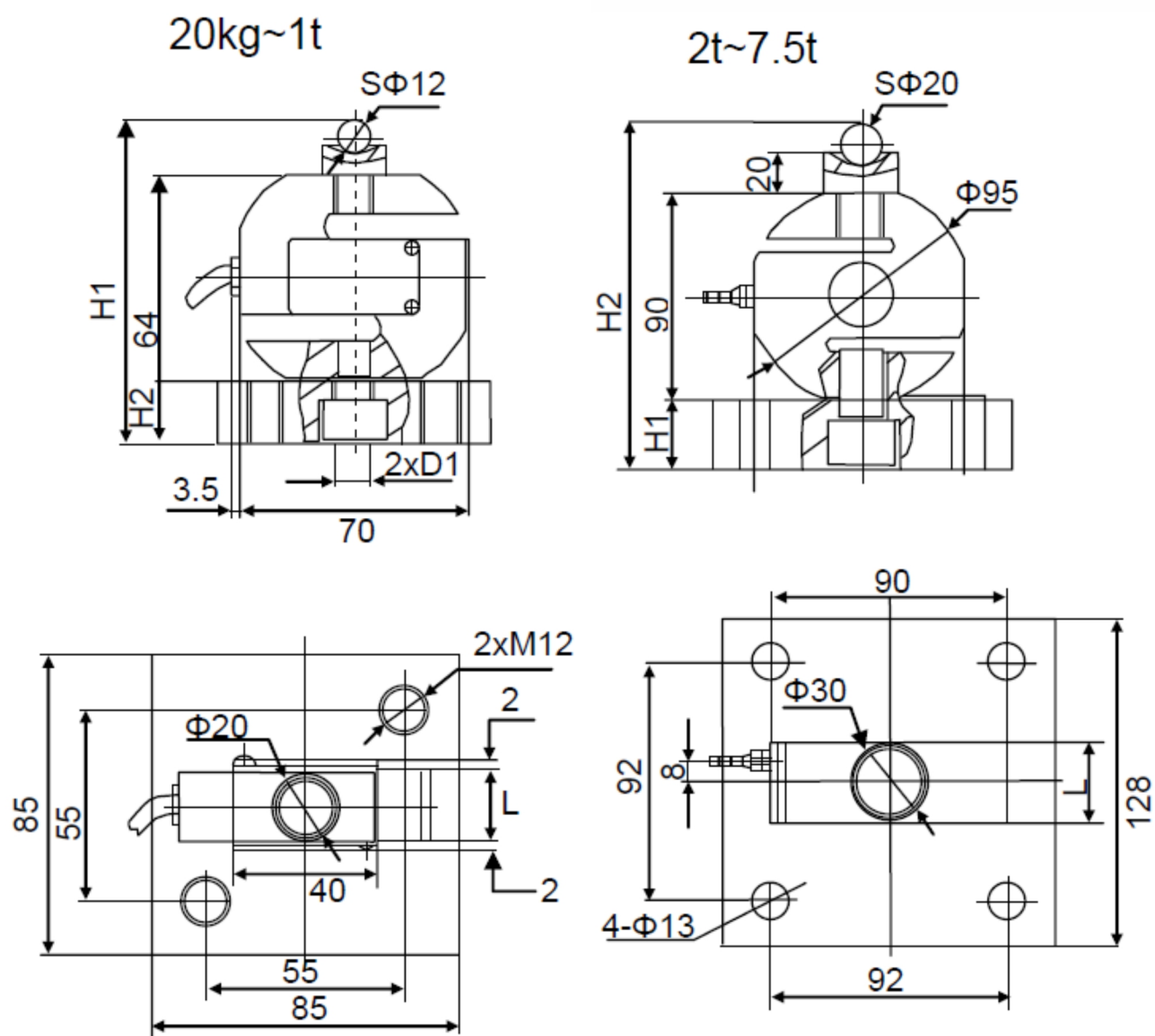
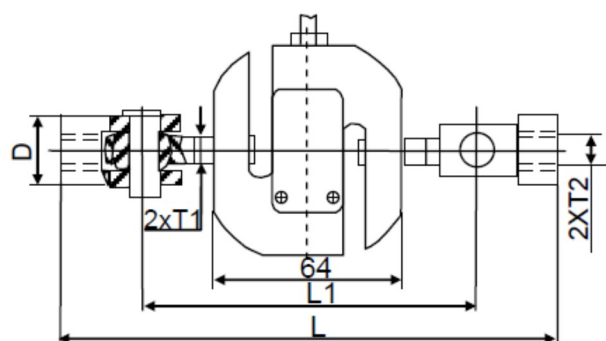


Diagram B

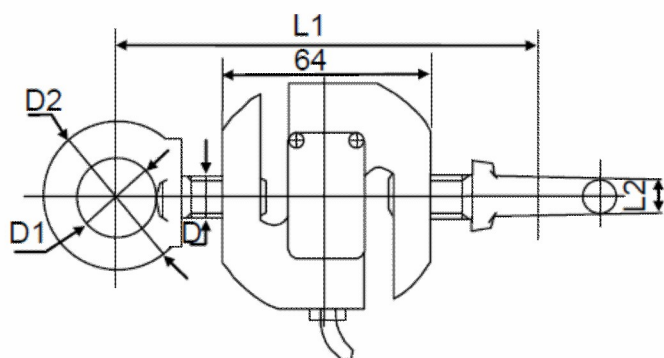


(kg) Rated Load	H1	H2	D1	L
20~150	97	15	M8	12
200~500	103	19	M12	20
700~1000	103	19	M12	25

(t) Rated Load	H1	H2	D1
2~5	29	151	32
7.5	34	156	40

Diagram D 20kg~5t

Rated Load	L max	L1max	T1	T2	D
20~150	184	124	M8	M8	Φ24
200~500	228	148	M12	M12	Φ34
700~1000	228	148	M12	M12	Φ34
2t~5t	326	206	M20	M24	Φ56

Diagram E 20kg~300kg

(kg) Rated Load	D	D1	D2	L1max	L2
20~150	M8	Φ20	Φ36	108	9
200~300	M12	Φ28	Φ52	136	13

Technical Parameters

Specifications	Technique
Rated load	20,30,50,75,100,150,200,250,300,500,700,1000kg 1.2,1.5,2,2.5,3,5,7.5,10t
Total error	±0.03%F.S.
Non-linearity	±0.05%
Rated output	2.0±0.003mV/V, 1.8±0.002mV/V(10t)
Creep error(30min.)	±0.05% F.S.
Zero balance	±1.0% F.S.
Input resistance	400±20Ω
Output resistance	352±3Ω
Insulation resistance	≥5000MΩ / 100VDC
Material	Alloy steel
Temp. effect on span	±0.05% F.S. / 10°C
Temp. effect on zero	±0.05% F.S. / 10°C
Compensated temp. range	-10~+40°C
Use temp range	-30~+70°C
Excitation voltage	5~15V
Safe overload	150% F.S.
Ultimate overload	200% F.S.
Protection class	IP65(20~1000kg),IP68(1.2t~10t)
Cable specification	Ø5,2.6m(20~1000kg,10t) Ø6,3m(1.2~7.5t)