

GRAVIA

World Class Loadcell

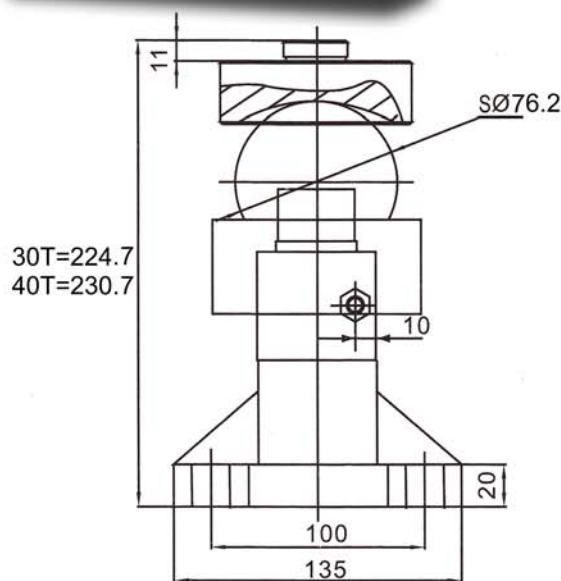
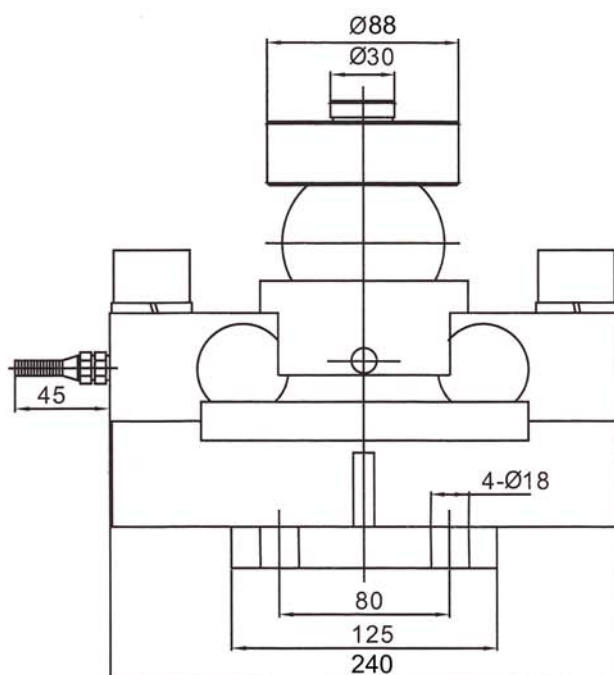


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QS/QSD

Double End Shear Beam



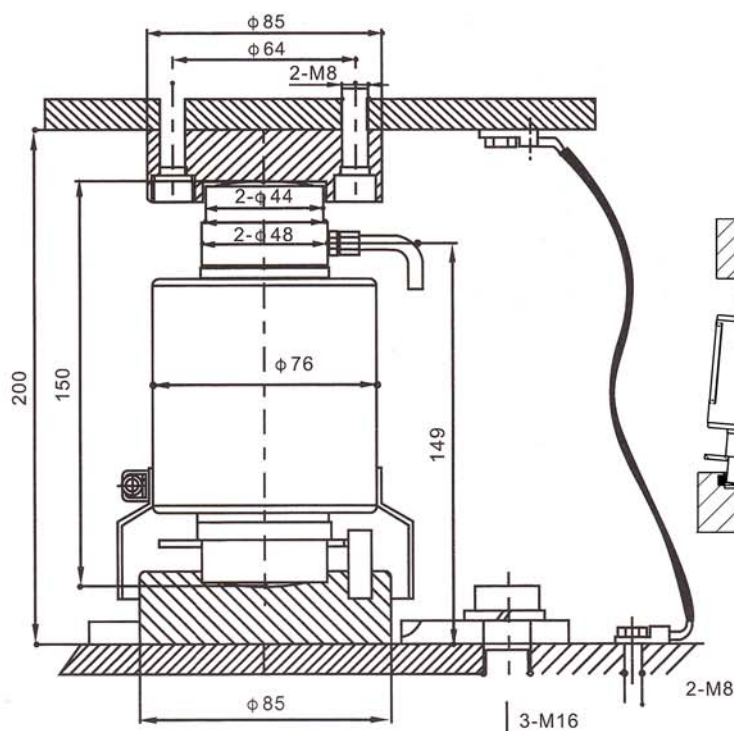
DESCRIPTION	SPECIFICATION	DESCRIPTION	SPECIFICATION
Capacity	10t , 30t , 40t	Accuracy class	C3
Sensitivity	2 ± 0.002 mV/V	Method	Double End Shear Beam
Non-linearity	± 0.03% FS.	Nominal Temp. Range	-10°C to 40°C
Hysteresis error	± 0.03% FS.	Service Temp. Range	-30°C to 70°C
Creep (30min.)	± 0.02% FS.	Safe load limit	150% FS.
Temp. effect on Zero	± 0.02% FS. / 10°C	Ultimate load	200% FS.
Temp. effect on Sensitivity	± 0.02% FS. / 10°C	Nominal of range excitation	5 to 10 VDC
Input resistance	750 ± 10 Ω	Protection class	IP68
Output resistance	703 ± 5 Ω	Material	Alloy Steel
Insulation resistance	≥ 5000 MΩ	Cable length	16 m.

Specifications subject to change without notice



ZSFY/ZSFD

Compression Loadcell



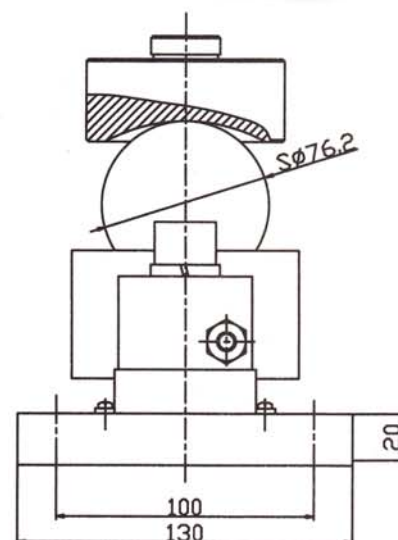
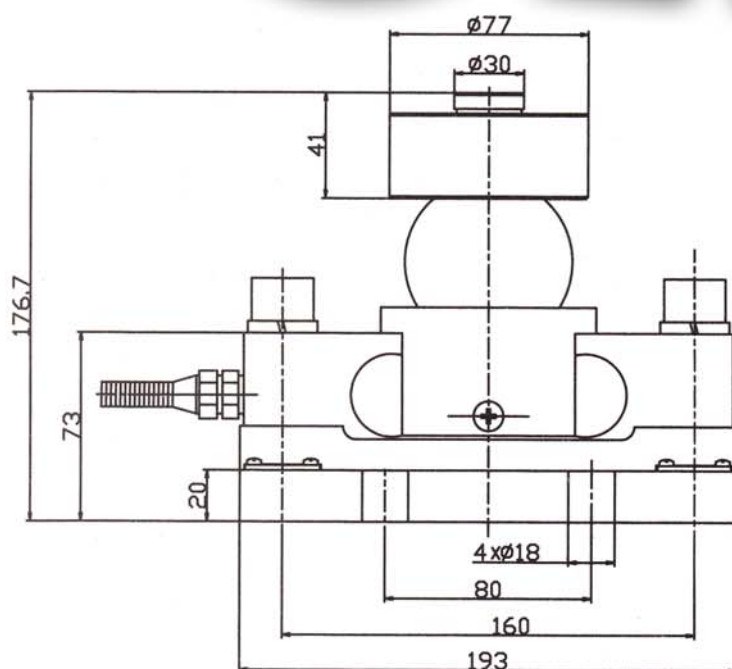
DESCRIPTION	SPECIFICATION	DESCRIPTION	SPECIFICATION
Capacity	30t , 40t	Accuracy class	C3
Sensitivity	2 ± 0.002 mV/V	Method	Compression
Non-linearity	$\pm 0.03\%$ FS.	Nominal Temp. Range	-10°C to 40°C
Hysteresis error	$\pm 0.03\%$ FS.	Service Temp. Range	-30°C to 70°C
Creep (30min.)	$\pm 0.02\%$ FS.	Safe load limit	150% FS.
Temp. effect on Zero	$\pm 0.02\%$ FS. / 10°C	Ultimate load	250% FS.
Temp. effect on Sensitivity	$\pm 0.02\%$ FS. / 10°C	Nominal of range excitation	5 to 10 VDC
Input resistance	$700 \pm 20 \Omega$	Protection class	IP68
Output resistance	$706 \pm 7 \Omega$	Material	Alloy Steel
Insulation resistance	≥ 5000 M Ω	Cable length	16 m.

Specifications subject to change without notice

GRAVIA

ZCB

Double End Shear Beam



DESCRIPTION	SPECIFICATION	DESCRIPTION	SPECIFICATION
Capacity	10t , 30t	Accuracy class	C3
Sensitivity	2 ± 0.002 mV/V	Method	Double End Shear Beam
Non-linearity	± 0.03% FS.	Nominal Temp. Range	-10°C to 40°C
Hysteresis error	± 0.03% FS.	Service Temp. Range	-30°C to 70°C
Creep (30min.)	± 0.02% FS.	Safe load limit	150% FS.
Temp. effect on Zero	± 0.02% FS. / 10°C	Ultimate load	200% FS.
Temp. effect on Sensitivity	± 0.02% FS. / 10°C	Nominal of range excitation	5 to 10 VDC
Input resistance	750 ± 10 Ω	Protection class	IP68
Output resistance	703 ± 5 Ω	Material	Alloy Steel
Insulation resistance	≥ 5000 MΩ	Cable length	16 m.

Specifications subject to change without notice

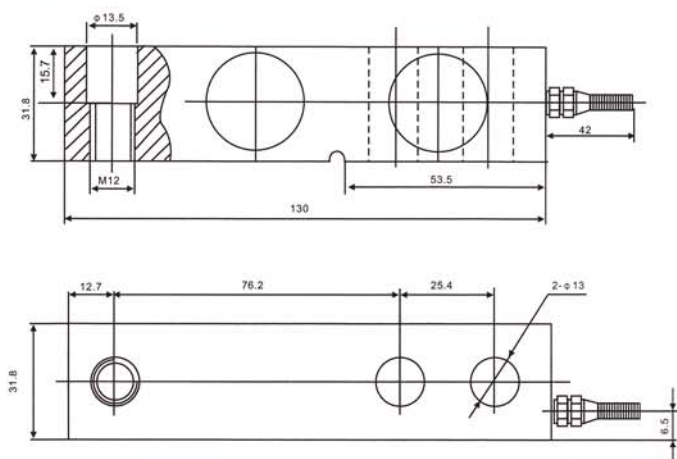


SQB

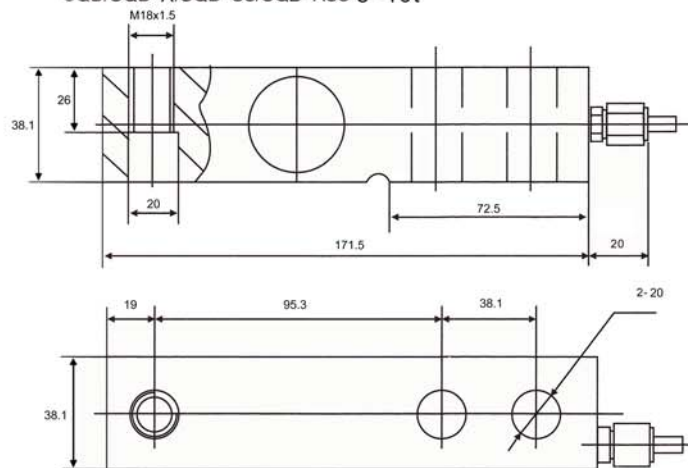
Shear Beam



SQB/SQB-A 0.25~2.5t



SQB/SQB-A/SQB-SS/SQB-ASS 3~10t



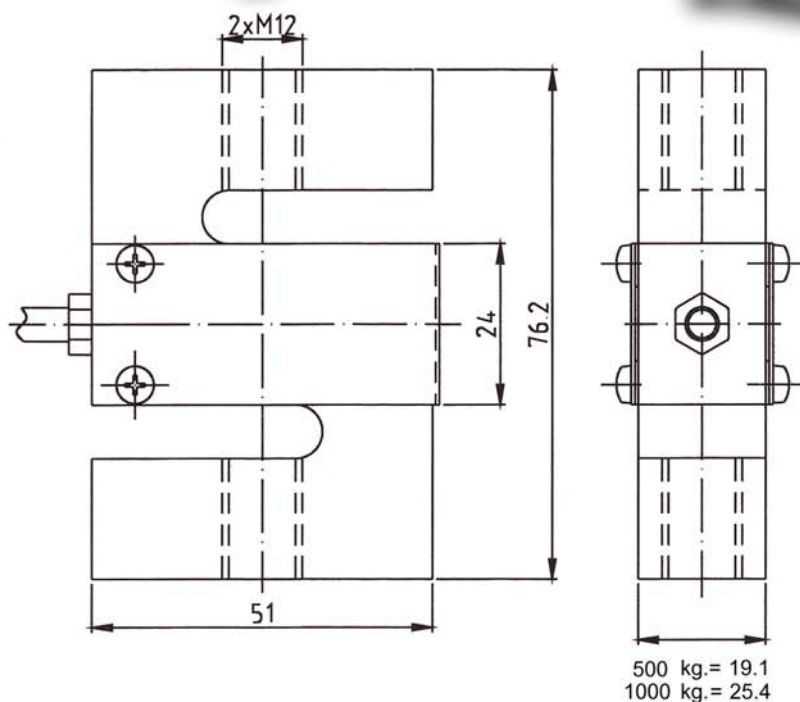
DESCRIPTION	SPECIFICATION	DESCRIPTION	SPECIFICATION
Capacity	0.5t, 1t, 2t, 3t, 5t	Accuracy class	C3
Sensitivity	3 ± 0.003 mV/V	Method	Shear Beam
Non-linearity	$\pm 0.03\%$ FS.	Nominal Temp. Range	-10°C to 40°C
Hysteresis error	$\pm 0.03\%$ FS.	Service Temp. Range	-30°C to 70°C
Creep (30min.)	$\pm 0.02\%$ FS.	Safe load limit	150% FS.
Temp. effect on Zero	$\pm 0.02\%$ FS. / 10°C	Ultimate load	200% FS.
Temp. effect on Sensitivity	$\pm 0.02\%$ FS. / 10°C	Nominal of range excitation	5 to 10 VDC
Input resistance	$400 \pm 20 \Omega$	Protection class	IP68
Output resistance	$352 \pm 3 \Omega$	Material	Alloy Steel
Insulation resistance	≥ 5000 MΩ	Cable length	3 m.

Specifications subject to change without notice

GRAVIA

DEF

Tension Loadcell

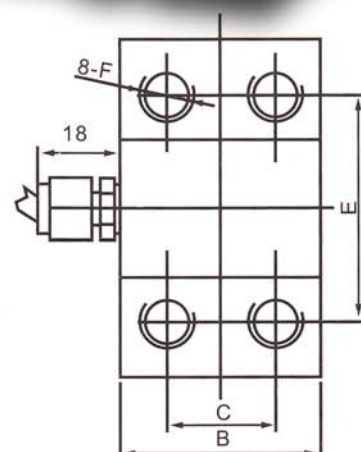
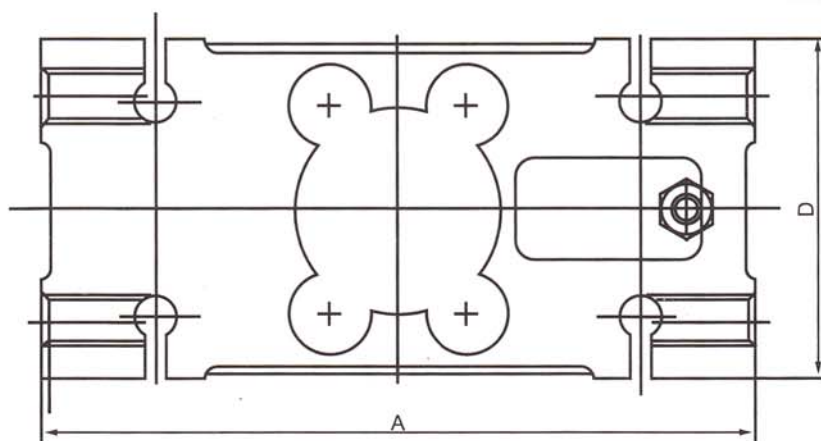
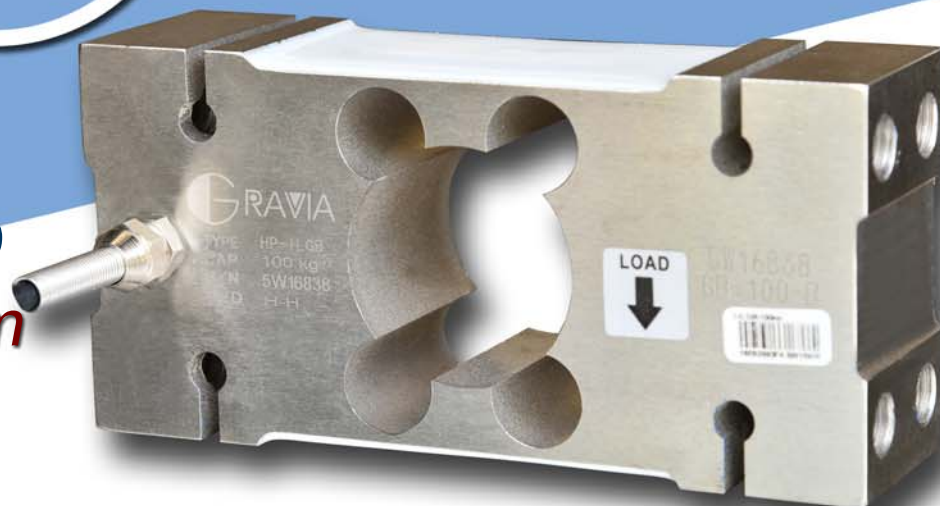


DESCRIPTION	SPECIFICATION	DESCRIPTION	SPECIFICATION
Capacity	500kg. , 1000kg.	Accuracy class	C3
Sensitivity	3 ± 0.003 mV/V	Method	Tension
Non-linearity	$\pm 0.03\%$ FS.	Nominal Temp. Range	-10°C to 40°C
Hysteresis error	$\pm 0.03\%$ FS.	Service Temp. Range	-30°C to 70°C
Creep (30min.)	$\pm 0.03\%$ FS.	Safe load limit	150% FS.
Temp. effect on Zero	$\pm 0.02\%$ FS. / 10°C	Ultimate load	200% FS.
Temp. effect on Sensitivity	$\pm 0.02\%$ FS. / 10°C	Nominal of range excitation	5 to 10 VDC
Input resistance	400 ± 20 Ω	Protection class	IP67
Output resistance	352 ± 5 Ω	Material	Alloy Steel
Insulation resistance	≥ 5000 M Ω	Cable length	3 m.

Specifications subject to change without notice

GRAVIA

ILGB Shear Beam



Rated Load	A	B	C	D	E	F
50~200	156	44	24	75	50	M12
250~500	146	60	36	95	70	M12
750~2000	176	76	46	125	95	M18

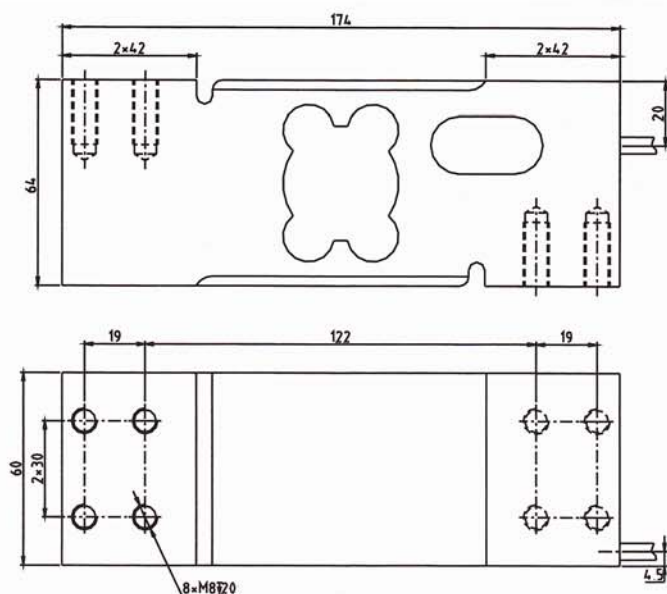
DESCRIPTION	SPECIFICATION	DESCRIPTION	SPECIFICATION
Capacity	100kg. , 200kg.	Accuracy class	C3
Sensitivity	2 ± 0.2 mV/V	Method	Shear Beam
Non-linearity	± 0.03% FS.	Nominal Temp. Range	-10°C to 40°C
Hysteresis error	± 0.03% FS.	Service Temp. Range	-30°C to 70°C
Creep (30min.)	± 0.03% FS.	Safe load limit	150% FS.
Temp. effect on Zero	± 0.02% FS. / 10°C	Ultimate load	200% FS.
Temp. effect on Sensitivity	± 0.02% FS. / 10°C	Nominal of range excitation	5 to 10 VDC
Input resistance	400 ± 20 Ω	Protection class	IP68
Output resistance	352 ± 3 Ω	Material	Alloy Steel
Insulation resistance	≥ 5000 MΩ	Cable length	3 m.

Specifications subject to change without notice



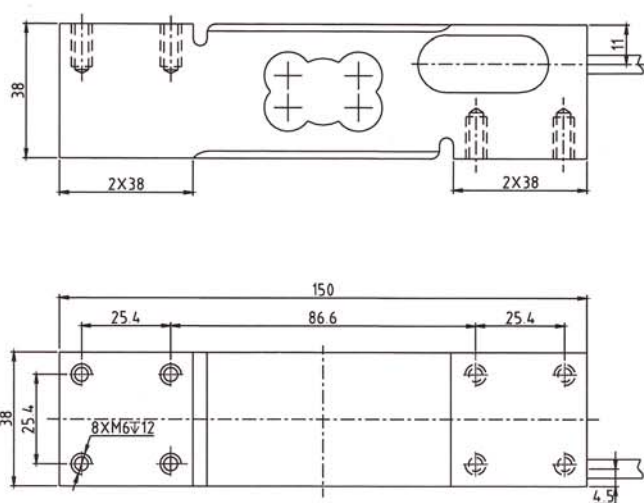
UDA

Single Point Loadcell



AMI

Single Point Loadcell



DESCRIPTION	SPECIFICATION	DESCRIPTION	SPECIFICATION
Capacity (Kg.)	UDA=150 ,300 500, AMI=50	Accuracy class	C3
Sensitivity	2 ± 0.2 mV/V	Method	Single point Shear Beam
Non-linearity	± 0.02% FS.	Nominal Temp. Range	-10°C to 40°C
Hysteresis error	± 0.02% FS.	Service Temp. Range	-20°C to 60°C
Creep (30min.)	± 0.02% FS.	Safe load limit	150% FS.
Temp. effect on Zero	± 0.02% FS. / 10°C	Ultimate load	200% FS.
Temp. effect on Sensitivity	± 0.02% FS. / 10°C	Nominal of range excitation	5 to 10 VDC
Input resistance	404 ± 15 Ω	Protection class	IP65
Output resistance	350 ± 3 Ω	Material	Aluminum
Insulation resistance	≥ 2000 MΩ	Cable length	1.8 m.

Specifications subject to change without notice