

High Temperature load cell **PSPRX HT**

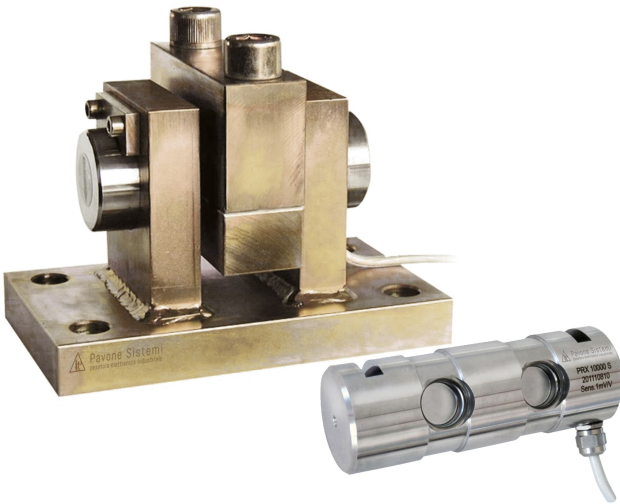
available with certification • EAC

Technical specifications

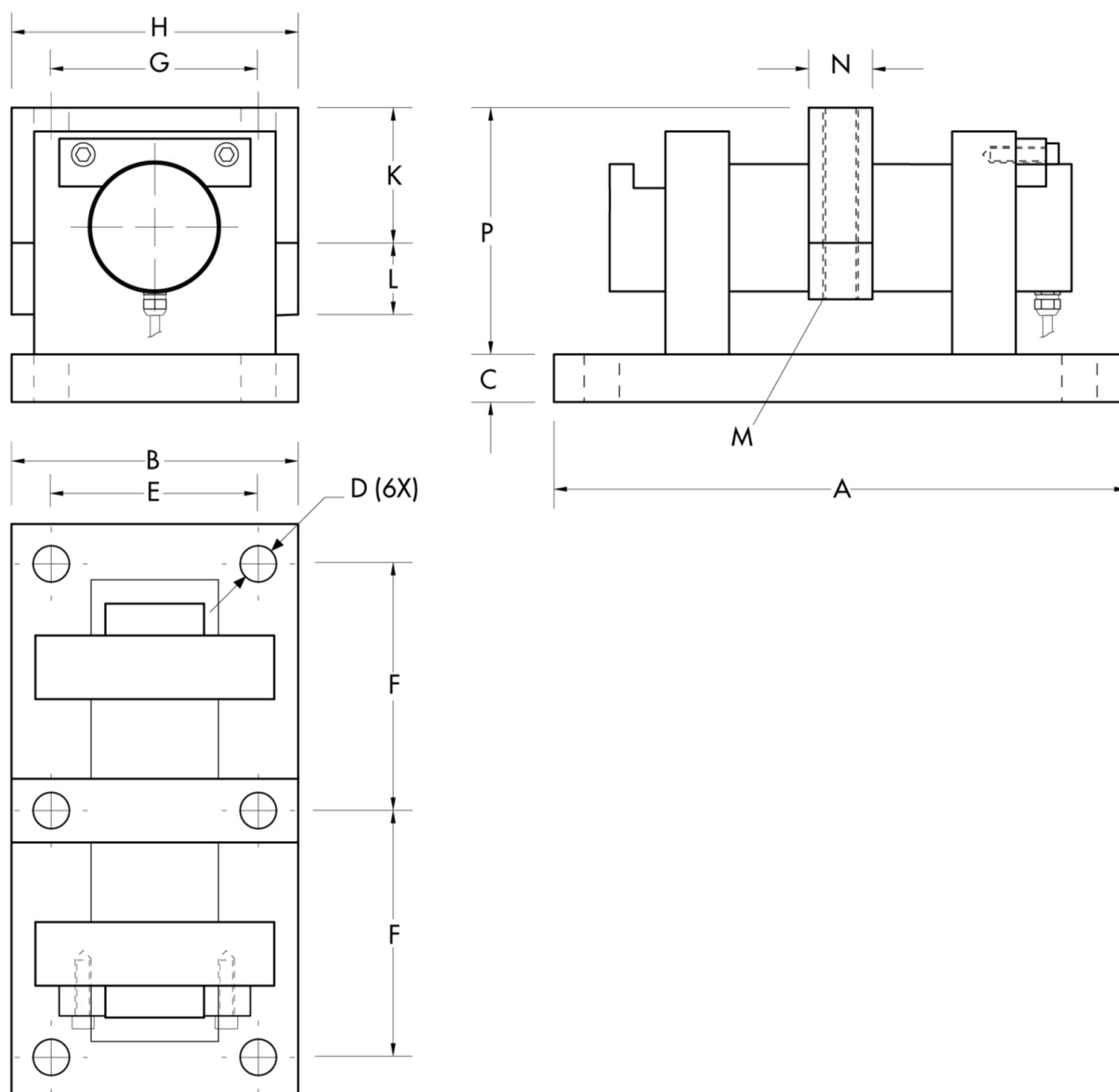
PWS13620240313

The PSPRX-HT load cell is a high-strength stainless steel load cell designed for measuring forces and weighing systems. The PSPRX-HT load cell has a strong protection against impacts and overloads and it is ideal for workplaces where high temperatures are present. The PSPRX-HT cell is insensitive to side loads and it works as a double shear beam load.

Rated Load (RL):	5, 10, 20, 40, 60, 80, 100 t
Combined error:	< ±0.1 % RO
Repeatability:	< ±0.02 % RO
Creep (20 minutes):	±0.03 % RO
Safe overload:	150 % RL
Ultimate overload:	300 % RL
Material:	Stainless steel
Degree of protection:	IP68
Deflection:	0.4 mm
Compensated Temperature:	-20 ÷ +120 °C
Temperature range:	-20 ÷ +150 °C
Temperature effect on zero balance:	< ±0.005 % RO/°C
Temperature effect on output:	< ±0.005 % on output/°C
Rated output RO:	1 mV/V ±0.1 %
Zero balance:	< ±2 % RO
Insulation resistance:	> 5000 MOhm
Input resistance:	350 ±20 Ohm
Output resistance:	350 ±5 Ohm
Recommended input:	5 ÷ 15 Vdc/ac



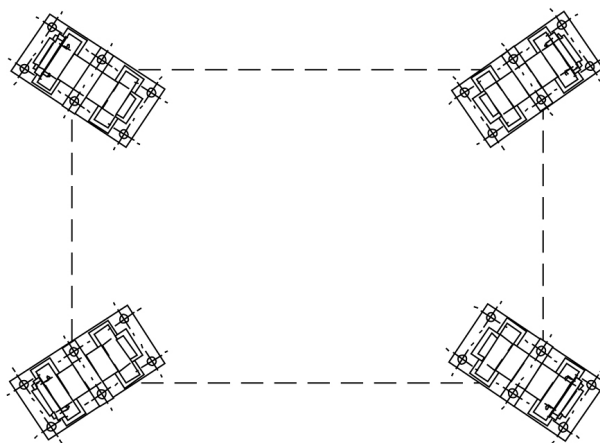
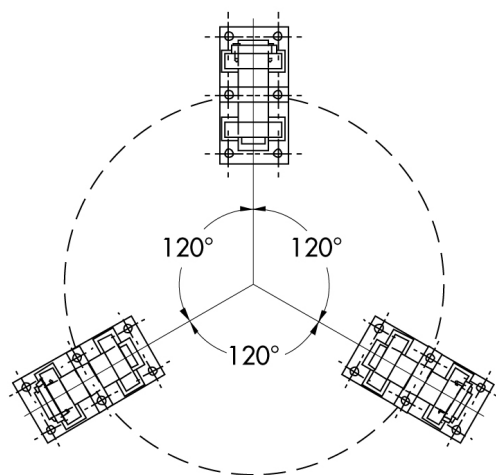
All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).



CAPACITY	A	B	C	D	E	F	G	H	K	L	M	N	P
5-30 t	200	120	30	18	80	80	85	120	60	30	M16	40	114
40-60 t	360	180	30	22	130	155	130	180	85	45	M20	40	154
80-100 t	390	200	40	26	150	170	146	200	95	70	M24	49	180

CAPACITY	50-30 t	40-60 t	80-100 t
Max lift force resistance	6080 kg	9280 kg	16120 kg
Max lateral force resistance	6220 kg	13320 kg	26210 kg

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