

S-type Load Cells

series VST

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Tension/Compression load cells, suitable for weighing in tension suspended loads and as overload checking and limitation, or for compression use in the creation of weighing systems with various load cells.



General characteristics

- C3 precision class
- stainless steel construction
- **IP68** protection class
- capacities: 2000, 5000, 8000 and 10000 kg
- 3m shielded connection cable

PARAMETER	UNIT	VALUE
Rated capacity (E_{max})	kg	2000, 5000, 8000, 10000
Sensitivity	mV/V	2.4
Nominal temperature range	°C	-10 to +40
Max. Safe Static Overload (central loading)	% of R.C.	120
Nominal excitation	V	1 10
Cable length	Meter	3.0
Cable type		6×26 AWG, metal shielded
Color code		Brown Excitation +
		Green Excitation –
		Yellow Signal +
		White Signal –
		Grey Sense +
		Pink Sense –
nLC		4000
Y (compression, $Y = E_{max} / V_{min}$)		12000
Y (tension, $Y = E_{max} / V_{min}$)		9500
Input	Ohm	1000 +/- 20
Output	Ohm	1000 +/- 5
Construction		Stainless steel
Protection class		IP 68

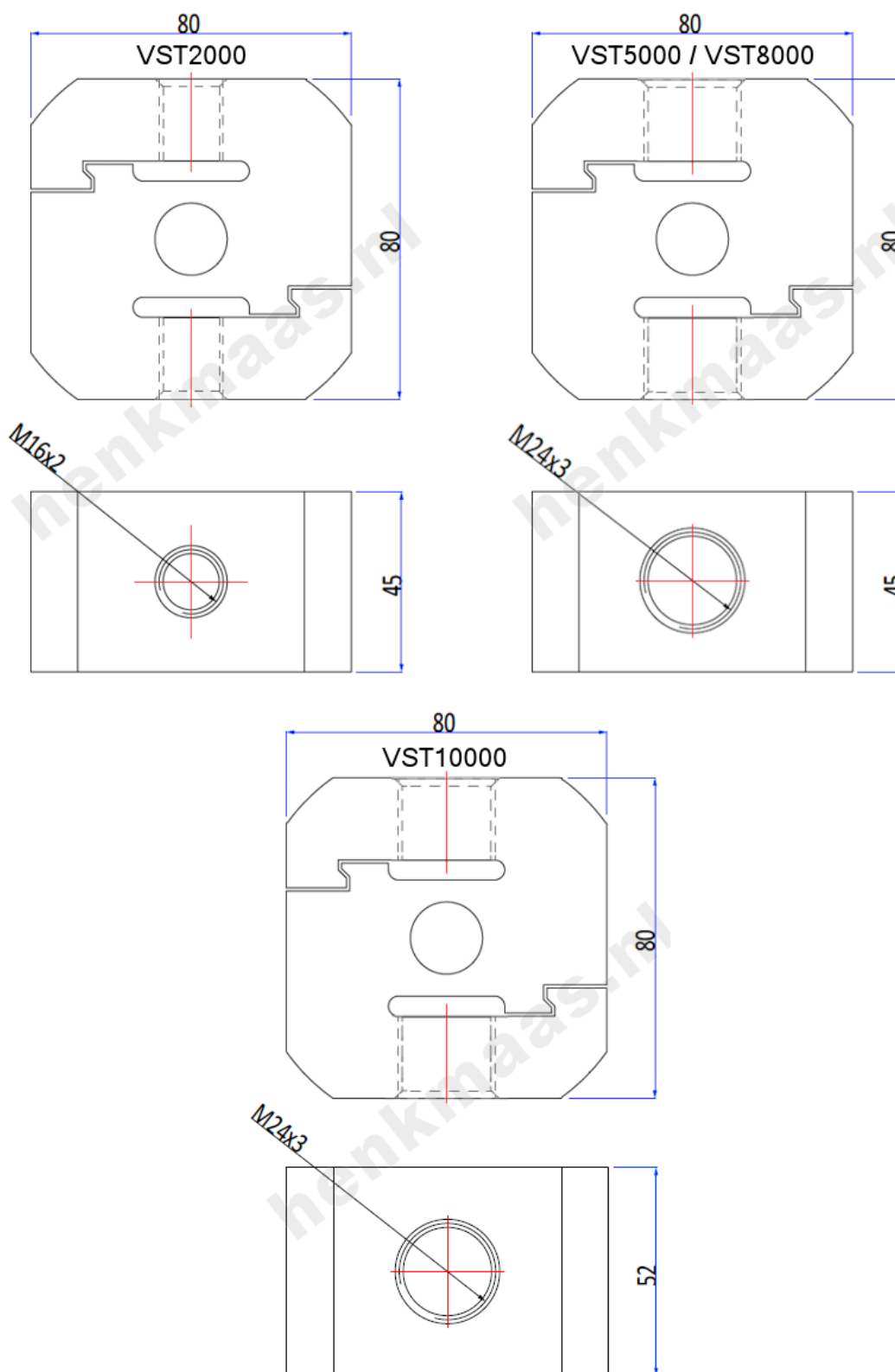


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Measurement sketches



Dimensions in mm

