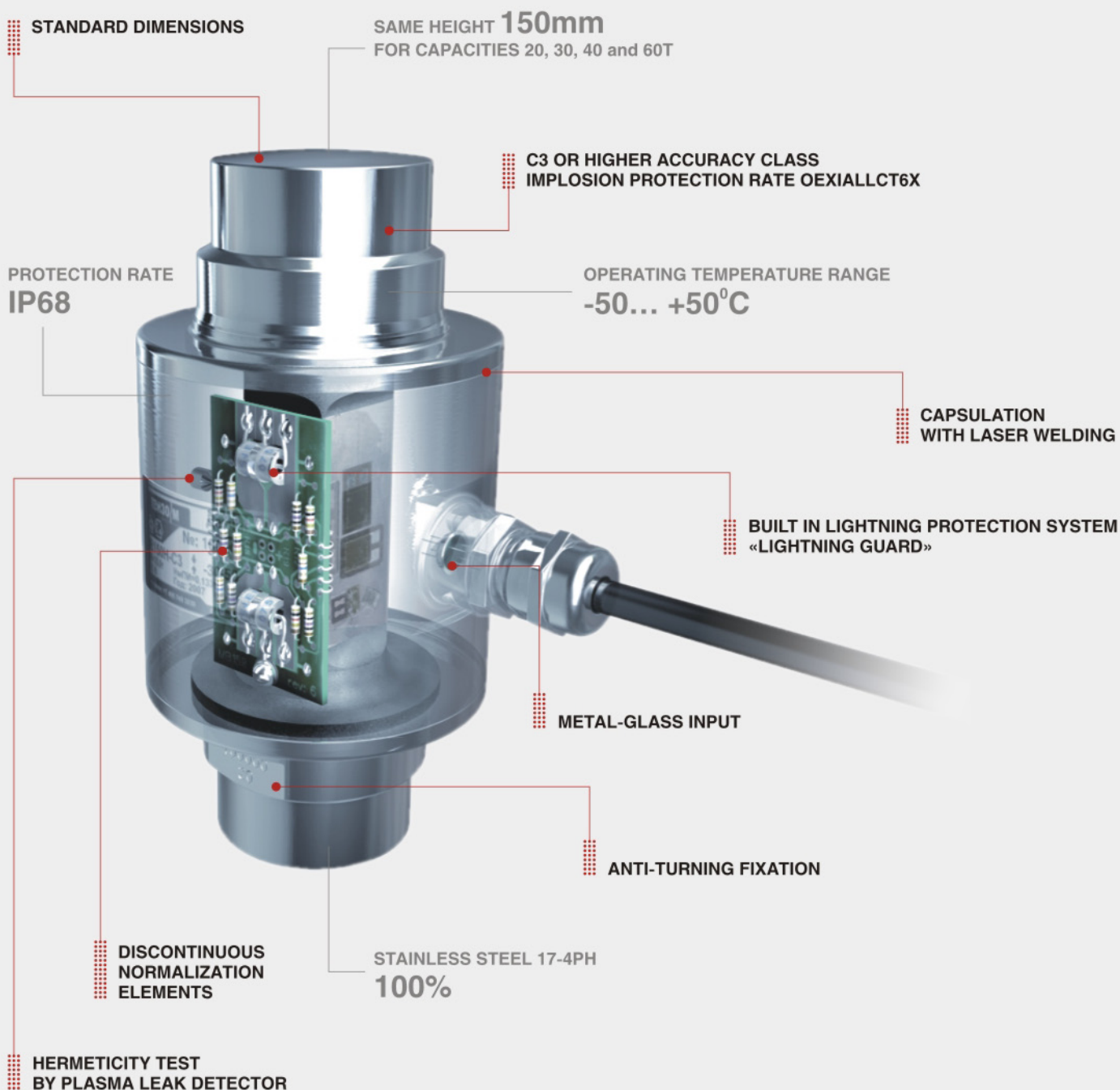


MV-150 WEIGHT MEASURING LOAD CELL



Capacity: 20, 30, 40, 60, 100t

MV-150 WEIGHT MEASURING LOAD CELL



MV-150 is the latest engineering thought breakthrough in force and weight measurement. Now it is one of the world's best weight measuring load cells for using in truck and railroad scales.



**DISCONTINUOUS
NORMALIZATION
ELEMENTS**

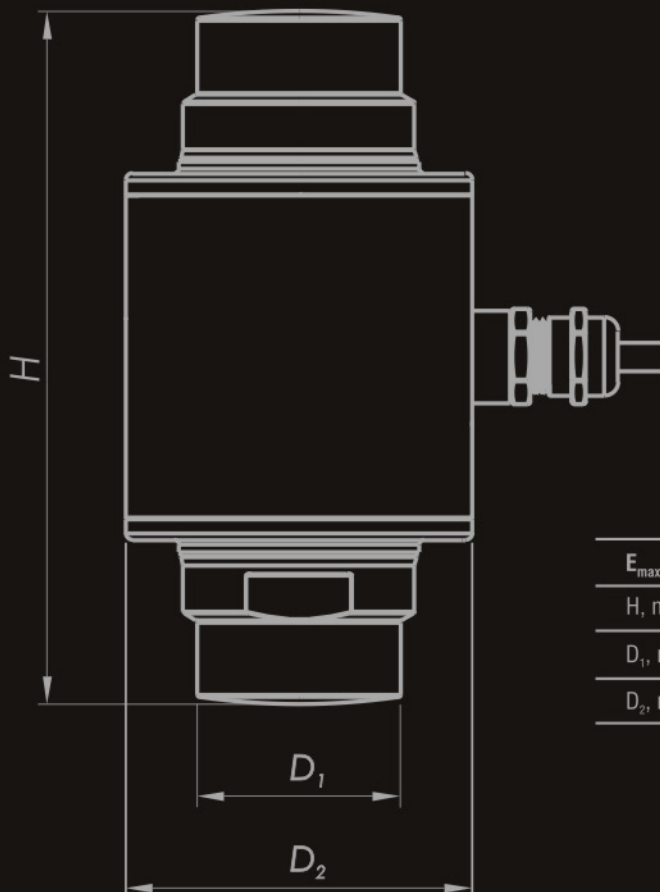
Unique method of discontinuous normalization elements exact selection increases production quality by reducing the «human element» effect and rising the reliability of used parts.



**«LIGHTNING GUARD»
PROTECTION SYSTEM**

Prevents from load cell electrical scheme insulation faults in the case of scales parts hit by static discharges, thunderbolts or welding overvoltage. «Lightning Guard» is included into standard package.

DIMENSIONS



E_{max} , t	20, 30, 40, 60	100
H, mm	150	178
D ₁ , mm	44	62
D ₂ , mm	75	101

SPECIFICATIONS

Maximum capacity, t	(E_{max})	20; 30; 40; 60 ; 100
Accuracy class according to OIML R 60 (GOST 30129)	C1	C3
Quantity of verification intervals	1000	3000
Minimum verification interval	$E_{max}/5000$	$E_{max}/10000$
Rated output, mV/V	(Cn)	2 ±0,004
Dead load output, %Cn	±2	±2
Combined error, %Cn	≤ ±0,030	≤ ±0,020
Creep error (30 min.), %Cn	≤ ±0,049	≤ ±0,025
Temperature effect on minimum dead load output, %Cn/°C	≤ ±0,0028	≤ ±0,0014
Temperature effect on rated output, %Cn/°C	≤ ±0,0022	≤ ±0,0011
Maximum excitation voltage, V	12	
Input resistance, Ω	1150 ±50	
Output resistance, Ω	1000 ±2	
Insulation resistance, M Ω	> 5000	
Compensated temperature range, °C	-10... +40	
Operating temperature range, °C	-50... +50	
Storing temperature range, °C	-50... +60	
Safe overload (1 hour), % E_{max}	25	
Ultimate load, % E_{max}	300	
Load cell material	Stainless steel	
Protection rate	IP68	
Weight, kg	3,7	
Cable length, m	16	

