

LOAD CELLS



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SINGLE POINT

	CAPACITY kg	PLATFORM	MATERIAL PROTECTION RATING	COMBINED ERROR RATED OUTPUT	OIML R60 CERTIFICATION	OPTIONS ON REQUEST	KIT
	SP1 5,15,50	150x150 mm	Special steel IP65	$\leq \pm 0.05\%$ 3 mV/V $\pm 5\%$	-	-	-
	SP2 0.25, 0.5, 1	200x200 mm	Aluminum alloy IP65	$\leq \pm 0.03\%$ 1- 2mV/V $\pm 15\%$	-	-	-
	SP3 3, 5, 10, 15, 20, 30, 50	250x350 mm	Aluminum alloy IP65	$\leq \pm 0.02\%$ (0.017% C4; 0.014% C5) 2mV/V $\pm 10\%$		-	-
	SP4 6, 15, 30, 50	350x350 mm	AISI 420 stainless steel IP67	$\leq \pm 0.02\%$ 2mV/V $\pm 10\%$	-	-	-
	SP5 3, 6, 15 30, 50	250x400 mm 400x600 mm	Aluminum alloy IP65	$\leq \pm 0.02\%$ 2mV/V $\pm 10\%$	-	-	-
	SP6 10, 15, 20, 30, 50, 100	400x400 mm	Aluminum alloy IP65	$\leq \pm 0.02\%$ (0.017% C4) 2mV/V $\pm 10\%$		-	-
	SP7 10,20,50	400x400 mm	17-4 PH stainless steel; IP68	$\leq \pm 0.02\%$ (0.017% C4) 2mV/V $\pm 10\%$		-	-
	SP8 100, 200, 300, 500	800x800 mm	17-4 PH stainless steel; IP68	$\leq \pm 0.02\%$ (0.017% C4) 2mV/V $\pm 10\%$		-	-
	SP9 10, 30, 50, 100, 200	400x400 mm	AISI 420 stainless steel; IP67	$\leq \pm 0.03\%$ 2mV/V $\pm 10\%$	-	-	-
	SP10 30, 50, 75, 100, 150	400x400 mm	AISI 420 stainless steel; IP67	$\leq \pm 0.02\%$ 2mV/V $\pm 10\%$	-	-	-
	SP11 60, 100, 150, 200, 300	400x400 mm	Aluminum alloy IP65	$\leq \pm 0.02\%$ (0.017% C4; 0.014% C5) 2 mV/V $\pm 5\%$		-	-
	SP12 50, 100, 150, 200, 300, 500	600x600 mm	Aluminum alloy IP65	$\leq \pm 0.02\%$ (0.017% C4) 2mV/V $\pm 10\%$		-	-
	SP13 75,150, 300, 500	600x600 mm	AISI 420 stainless steel; IP67	$\leq \pm 0.02\%$ 2mV/V $\pm 10\%$		-	-
	SP14 500, 1000	800x800 mm	Aluminum alloy IP65	$\leq \pm 0.02\%$ 2mV/V $\pm 10\%$	-	-	-
	SP15 1000, 2000	1200x1200 mm	Aluminum alloy IP65	$\leq \pm 0.02\%$ 2mV/V $\pm 10\%$		-	-




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BENDING BEAM & SHEAR BEAM







	CAPACITY kg	MATERIAL PROTECTION RATING	COMBINED ERROR RATED OUTPUT	OIML R60 CERTIFICATION	OPTIONS ON REQUEST	KIT
	BB1 5, 10	17-4 PH stainless steel; IP68	≤ ±0.02% 2 mV/V ±1%	-	-	-
	BB2 20, 50, 100, 200, 350, 500	17-4 PH stainless steel IP68	≤ ±0.02% (0.017% C4) 2 mV/V ±1%		-	-
	BB3 30, 50, 75, 150, 300, 500	AISI 420 stainless steel IP68	≤ ±0.02% 2 mV/V ±0.4%	-	-	-
	BB4 50, 75, 150, 300	17-4 PH stainless steel IP68	≤ ±0.017% 2 mV/V ±0.1%		-	-
	SB1 300, 500, 1000, 2000	17-4 PH stainless steel IP68	≤ ±0.017% 2 mV/V ±0.1%		-	-
	SB2 75, 150, 300 500, 1000, 2000, 3000, 5000	Special steel IP67 Special steel IP68	≤ ±0.02% 2 mV/V ±0.4%	 Capacities from 1000 to 5000 kg	-	-
	SB3 75, 150, 300 500, 1000, 2000	AISI 420 stainless steel; IP67 17-4 PH stainless steel; IP68	≤ ±0.02% 2 mV/V ±0.4%		-	-
	SB4 500, 1000, 1500, 2000, 3000, 5000	Special steel IP67	≤ ±0.02% (0.017% C4; 0.014% C5) 3 mV/V ±0.4%		-	-
	SB5 500, 1000, 2000, 5000	17-4 PH stainless steel; IP67	≤ ±0.02% 3 mV/V ±0.4%		-	-
	SB6 500, 1000, 2000, 5000, 7500, 10000	17-4 PH stainless steel IP68	≤ ±0.02% (0.017% C4) 2 mV/V ±0.4%	 capacities from 5000 to 10000 kg	-	-
	SB7 750, 1000, 1500	AISI 420 stainless steel; IP68	≤ ±0.02% 2 mV/V ±0.4%	-	-	-
	SB8 500, 750, 1000, 1200, 1500, 2000, 3000, 5000, 10000	AISI 420 stainless steel IP68	≤ ±0.02% 2 mV/V ±0.4%	 Capacities from 500 to 2000 kg	-	-
	SB9 5000, 10000	Special steel IP68	≤ ±0.1% 1 mV/V ±0.5%	-	-	-

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DOUBLE SHEAR BEAM

CAPACITY	kg	MATERIAL PROTECTION RATING	COMBINED ERROR RATED OUTPUT	OIML R60 CERTIFICATION	OPTIONS ON REQUEST	KIT
 DSB1 25000		Special steel	$\leq \pm 0.02\%$		-	-
		IP68	2 mV/V $\pm 0.2\%$			
 DSB2 20klb/9 ton 30klb/13.6ton 40klb / 18 ton 50klb / 23 ton 60klb / 27 ton		Nickel plated alloy steel	$\leq \pm 0.023\%$		-	-
		IP68	3.0mV/V $\pm 0.1\%$			

COMPRESSION-LOW PROFILE





CAPACITY	kg	MATERIAL PROTECTION RATING	COMBINED ERROR RATED OUTPUT	OIML R60 CERTIFICATION	OPTIONS ON REQUEST	KIT
 MA1 200, 500, 1000, 2500		17-4 PH stainless steel	$\leq \pm 0.5\%$	-	-	-
		IP67	1 mV/V $\pm 10\%$			
 MA2 1000, 2000, 5000		AISI 420 stainless steel	$\leq \pm 0.03\%$	-	-	-
		IP68	2 mV/V $\pm 0.4\%$			
 MA3 250, 500, 1000, 2500, 5000, 7500, 10000, 12500, 15000, 30000, 50000, 100000		17-4 PH stainless steel	$\leq \pm 0.03\%$ (0.02% C3)	-	 Capacities from 2500 to 12500 kg	-
		IP68	2 mV/V $\pm 0.1\%$			
 MA4 15000, 30000, 50000		17-4 PH stainless steel	$\leq \pm 0.035\%$	-	-	-
		IP68	2 mV/V $\pm 0.1\%$			
 MA5 200000, 300000, 500000, 750000		17-4 PH stainless steel	$\leq \pm 0.10\%$	-	-	-
		IP68	2 mV/V $\pm 0.1\%$			

COMPRESSION / TENSION



CAPACITY	kg	MATERIAL PROTECTION RATING	COMBINED ERROR RATED OUTPUT	OIML R60 CERTIFICATION	OPTIONS ON REQUEST	KIT
 CT1 50, 100, 500*		Aluminum alloy 17-4 PH* stainless steel	$\leq \pm 0.05\%$	-	-	-
		IP65	2 mV/V $\pm 10\%$			
 CT2 500, 1000, 2000, 5000, 10000, 20000, 30000, 60000, 100000*, 150000*, 200000*		17-4 PH stainless steel	$\leq \pm 0.05\%$	-	-	-
		IP68 IP67*	2 mV/V $\pm 0.3\%$			
 CT3 2000, 5000, 10000*, 20000*		Special steel	$\leq \pm 0.05\%$ $\leq \pm 0.1\% *$	-	-	-
		IP67	2 mV/V $\pm 0.3\%$			

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TENSION (COMPRESSION)

CAPACITY kg	MATERIAL	COMBINED ERROR	OIML R60 CERTIFICATION	OPTIONS ON REQUEST	KIT
	PROTECTION RATING	RATED OUTPUT			
 Z1 15, 30, 60	Special steel	$\leq \pm 0.02\%$	-	-	-
	IP65	2 mV/V $\pm 10\%$			
 Z2 25, 100, 200, 300, 500, 1000, 2500	Special steel	$\leq \pm 0.02\%$ (0.017% C4)	 capacities from 100 to 2500 kg	-	-
	IP67	2 mV/V $\pm 0.2\%$			
 Z3 50, 100, 200, 300	AISI 420 stainless steel	$\leq \pm 0.03\%$	 -	-	-
	IP67	2 mV/V $\pm 0.4\%$			
 Z4 500, 1000, 2500, 5000	AISI 420 stainless steel	$\leq \pm 0.03\%$	-	-	-
	IP67	2 mV/V $\pm 0.4\%$			
 Z5 100, 200, 300, 500, 1000, 2500, 5000, 7500, 10000, 12500	17-4 PH stainless steel	$\leq \pm 0.02\%$	 capacities from 500 to 12500 kg	-	-
	IP68	2 mV/V $\pm 0.1\%$			

TENSION (Can also be used as load limiter for lifting equipment)

CAPACITY kg	MATERIAL PROTECTION RATING	COMBINED ERROR RATED OUTPUT	OIML R60 CERTIFICATION	OPTIONS ON REQUEST	KIT
 H1 5000, 10000, 20000	17-4 PH stainless steel	$\leq \pm 0.03\%$	-	-	-
	IP68	2 mV/V $\pm 0.1\%$			
 H2 30000, 40000, 50000, 60000, 100000, 250000	17-4 PH stainless steel	$\leq \pm 0.08\%$	-	-	-
	IP68	1.0 mV/V $\pm 0.1\%$			


COLUMN

CAPACITY kg	MATERIAL PROTECTION RATING	COMBINED ERROR RATED OUTPUT	OIML R60 CERTIFICATION	OPTIONS ON REQUEST	KIT
 DE1 15000, 25000, 50000	Special steel	$\leq \pm 0.02\%$	 -	-	-
	IP68	2 mV/V $\pm 0.1\%$			
 DE2 25000	17-4 PH stainless steel	$\leq \pm 0.017\%$	-	-	-
	IP68	2 mV/V $\pm 0.1\%$			
 DE3 30000, 60000	17-4 PH stainless steel	$\leq \pm 0.013\%$	-	-	-
	IP68	2 mV/V $\pm 0.1\%$			

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PIN


(Can also be used as load limiter for lifting equipment)



CAPACITY kg	MATERIAL PROTECTION RATING	COMBINED ERROR RATED OUTPUT	OIML R60 CERTIFICATION	OPTIONS ON REQUEST	KIT
P1 5000, 10000, 20000	17-4 PH stainless steel IP67	≤ ±0.1% 1 mV/V ±0.1%	-	-	-

WIRE ROPE MEASURING

(Suitable as load limiter for lifting equipment)



CAPACITY kg	ROPE mm	MATERIAL PROTECTION RATING	COMBINED ERROR RATED OUT	OIML R60 CERTIFICATION	OPTIONS ON REQUEST	KIT
L1 2000, 4000, 10000, 20000, 40000	6-14 10-18 16-26 24-36	Special steel IP67	Switching accuracy ±2% on Full Scale 3 mV/V ±0.1%	-	-	-